



EDGES
Engineering Consultancy


Established 2014


From the depth of your ideas ...
We construct the EDGES of your vision



Tel. / Fax: 002 02 25658414
Address: Gardenia Mall, 5th Settlement, New Cairo, Egypt
info@edgescons.com

www.edgeseng.com

 [instagram social media](#)

 [facebook social media](#)

Who we are

EDGES has been established by young dynamic engineers with experience in the construction and design industry. Located in Cairo, EDGES has gone through different projects in Egypt and Kingdom of Saudi Arabia while seeking to provide its services throughout the whole Middle-East, ranging from shop drawings production to explicit and complex designs including specific timetable for the entire construction process. EDGES has proved that it will thrive in this business through its brilliance in tackling its projects and to satisfy its clients' expectations.

What we offer

EDGES engineering offers its partners several solutions for their needs, starting from ideas for designs to the final output.

We offer our partners the following:

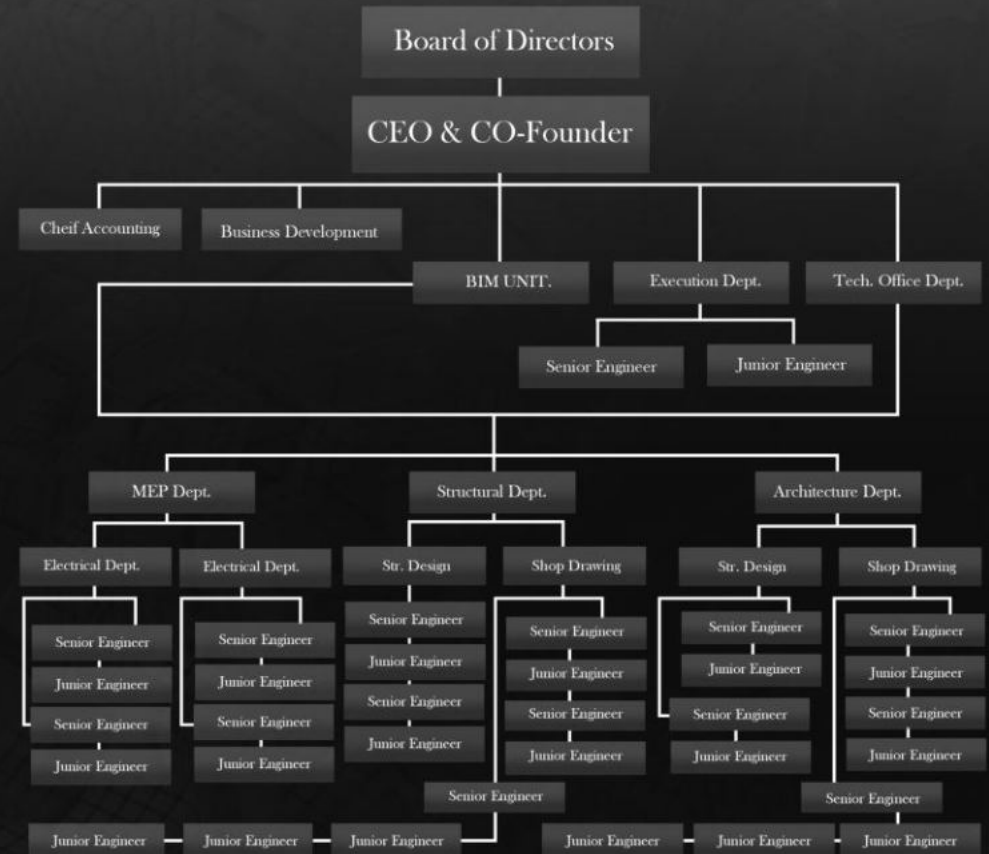
- Full engineering designs for all trades and Design studies
- Value Engineer (Planning , Cost Control , BOQ)
- Shop drawings for all trades
- Interior and Exterior designs
- 3D Visualization
- Quality Control
- Contracting & Execution



Contact Us:

Tel,fax : 002 02 25658414
 Address: Gardenia Mall, 5th
 Settlement
 New cairo, Egypt
 info@edgescons.com

www.edgeseng.com



EDGES proudly participated
in the following projects :



Our Clients

- EDGES TOP PROJECTS

- King Abdulaziz International Airport
- King Abdulaziz International Airport Mosque Utility Diversion
- King Abdulaziz International conference center

- COMMERCIAL PROJECTS

- MARASSI HOTEL
- Mirkaaz Mall
- Al-Masah -HOTEL
- National Theater Building
- JABAL OMAR
- MNS1 palace
- AEON Tower
- Arab African International Bank
- Suez Canal Bank , New Capital
- CIB, New Capital
- AAIB New Head Quarters- Ninety
- Boulevard Mall
- RIYADH REGION MUNICIPALITY
- Transportation Hub & Walkways
- SIX SENSES

- INDUSTRIAL PROJECTS

- NC1 OPERATIONS HUB – GOLF FACILITY
- Namangan WWTP - 100,000 m3/day Uzbekistan
- EXPANSION OF SAKAKA SEWAGE TREATMENT PLANT AL-JOUF REGION-26,000M3/DAY
- Switching Station 1 (Electrical Station)

- RESIDENTIAL PROJECT

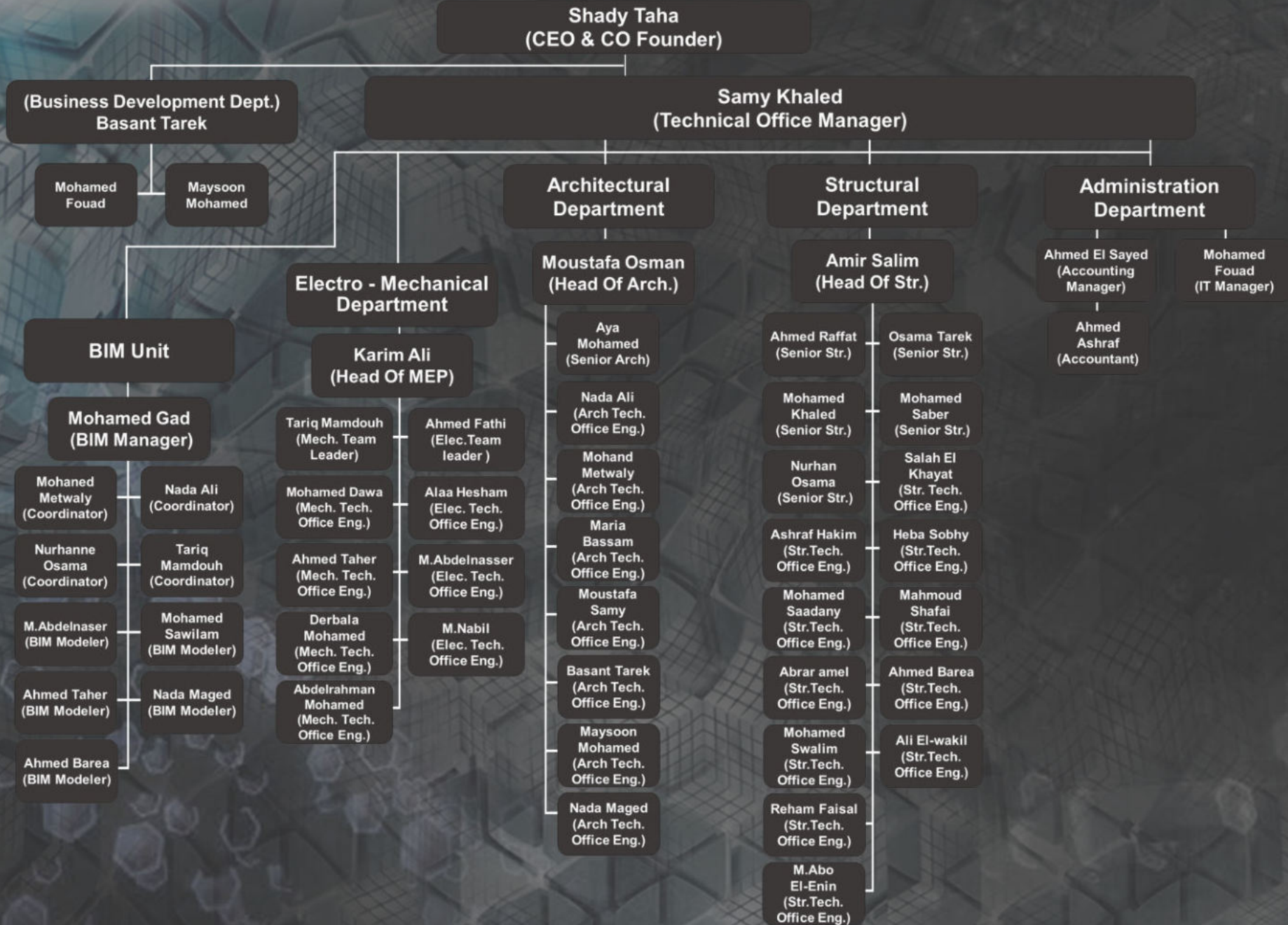
- Business District - Hyde Park
- Mivida Lake District 1&2
- Mivida Mixed-use Boulevard
- R03, Mivida
- R 05, New Capital
- MZ Club House
- 90 AVENUE
- I-City October
- Badraig Compound (Main Villa)
- Uptown Cairo
- Villa Ali Al-Zemami
- Villa B33

- UTILITIES PROJECTS

- Sphinx International Airport
- Greater Cairo Metro Line 4
- High Speed Rail Station
- Loloah October Housing

BIM PROJECTS

- Waste Water Pumping Station
- Solano Mall
- Allam Wood Division Factory
- Swan Lake Projects
- Cairo , Gate Residence
- British Bright School
- Soul Compound







EDGES TOP PROJECTS



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 [facebook social media](#)

Tel. / Fax: 002 02 25658414

Address: Gardenia Mall, 5th Settlement, New Cairo, Egypt

info@edgescons.com

Partner in success



Client



King Abdulaziz International Airport Jeddah, Saudi Arabia

King Abdulaziz International Airport is considered the biggest airport in Saudi Arabia and the Middle East. The pilgrim's hall is the main hall and is considered the fourth biggest passengers hall in the world with an approximate area of 465,000 m2. The drawings are developed from shop drawings to be in compliance with the GIS system through re-drafting the drawings according to the approved CAD standards.

EDGES' scope contains all of the Orascom scope in KAIA, including roads, bridges, MSCP, tunnels storm water drainage and more.

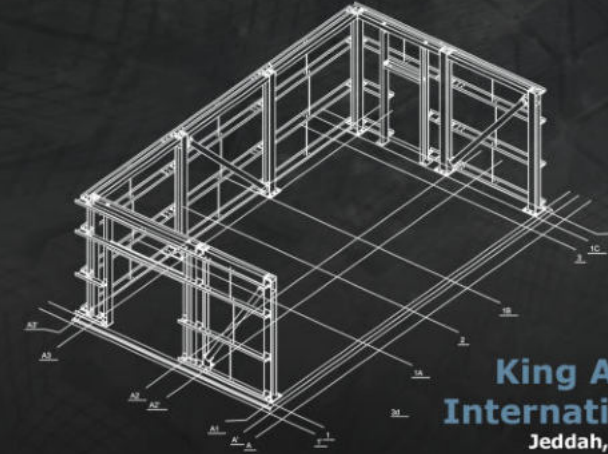
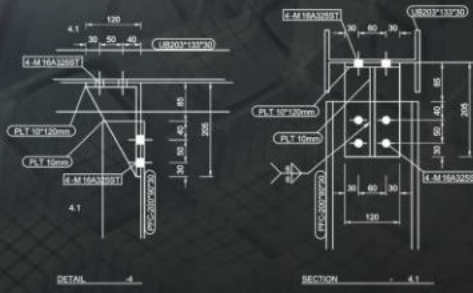
EDGES receives an as-Built standard drawing guide that includes, layers, dimension style, line type, and text style, in order to be provided by GIS.

Category: GIS requirement, Design development, Shop Drawings, As-Built.

Location: Jeddah, Saudi Arabia.

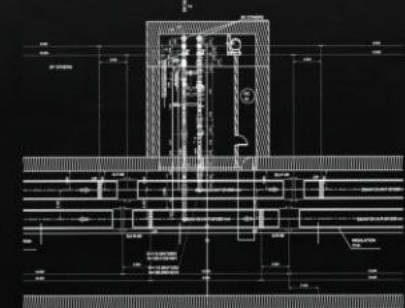
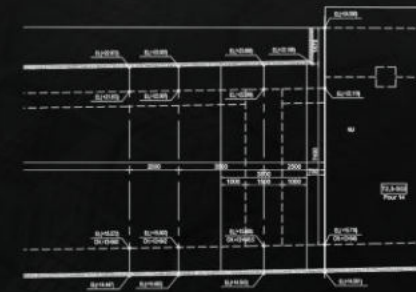
Program: Main Passengers Hall
Southern Hall
Northern Hall
Pilgrims Hall

Total sheets: Over 3000 Sheets



King Abdulaziz International Airport Jeddah, Saudi Arabia

Grey water and irrigation network, storage and pumping facilities chlorination building, chiller compound super-structure

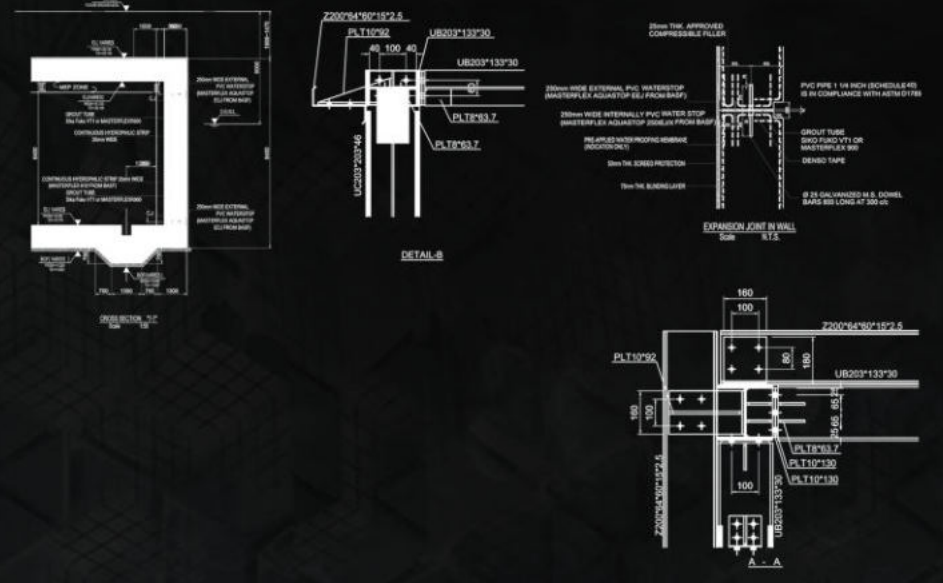


KINGDOM OF SAUDI ARABIA
GENERAL AUTHORITY OF CIVIL AVIATION
KING ABDULAZIZ INTERNATIONAL AIRPORT
DEVELOPMENT PROJECT

مطار الملك عبدالعزيز الدولي
King Abdulaziz International Airport



AS-BUILT DRAWING STEEL STRUCTURAL





Partner in success

areen design



Client



المملكة العربية السعودية
General Authority of Civil Aviation

King Abdulaziz International Airport Jeddah, Saudi Arabia

King Abdulaziz International Airport Ever since Areen was the interior designer of KAIA; Edges processed outsourcing of over 1500 Architectural Design Development. Design Verification & Shop Drawings all over the KAIA facilities.

Category: Design Development, Design Verification, & Shop Drawings.

Location: Jeddah, Saudi Arabia.

Program: PTB
AMP Maintenance Facility
Nursery Facility
Transportation Center

Total Sheets: 1500+



REVISION			
NO.	DESCRIPTION	DATE	BY

BY: [] FOR SAN APPROVAL
A: [] FOR SAN APPROVAL
REV: [] REVISIONS OF APPROVAL

DESIGNED BY	CHECKED BY	APPROVED BY	DATE

PROJECT TITLE: PASSENGER TERMINAL BUILDING ZONE E SUITE KING (HO-01-BE-018) ELEVATIONS LEVEL 02

CLIENT: المملكة العربية السعودية
General Authority of Civil Aviation

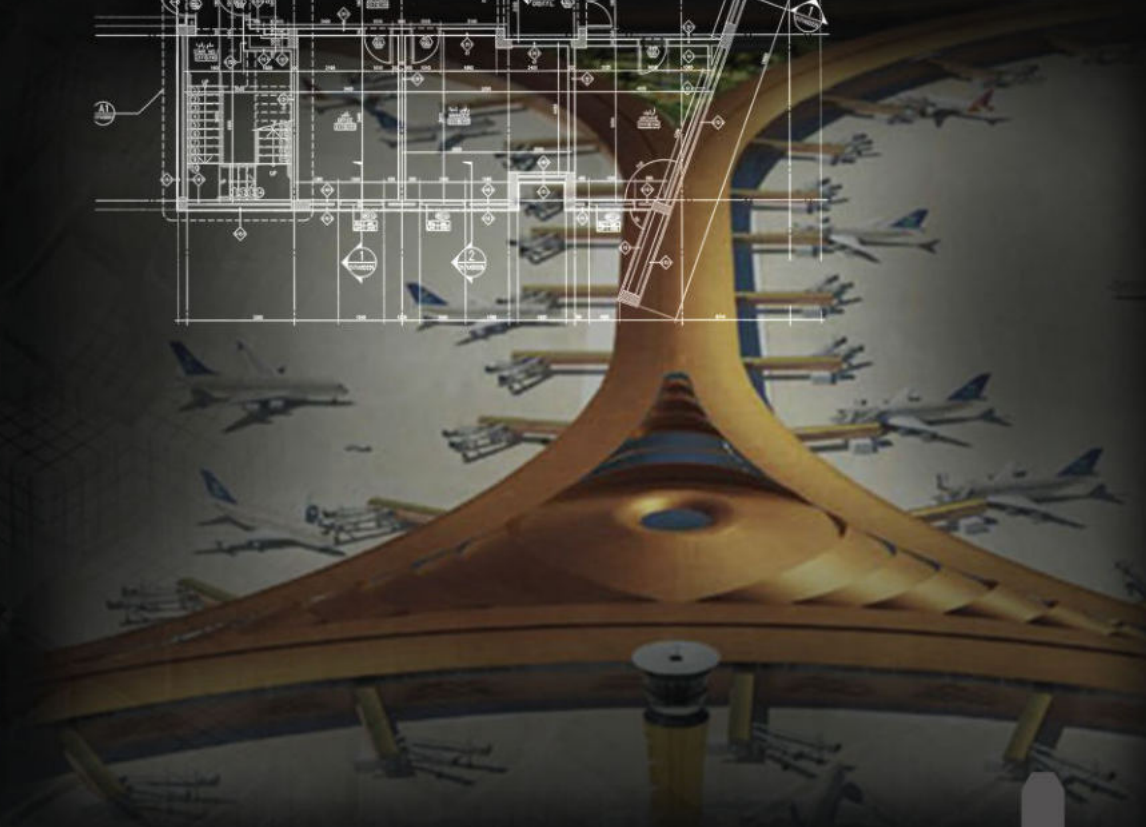
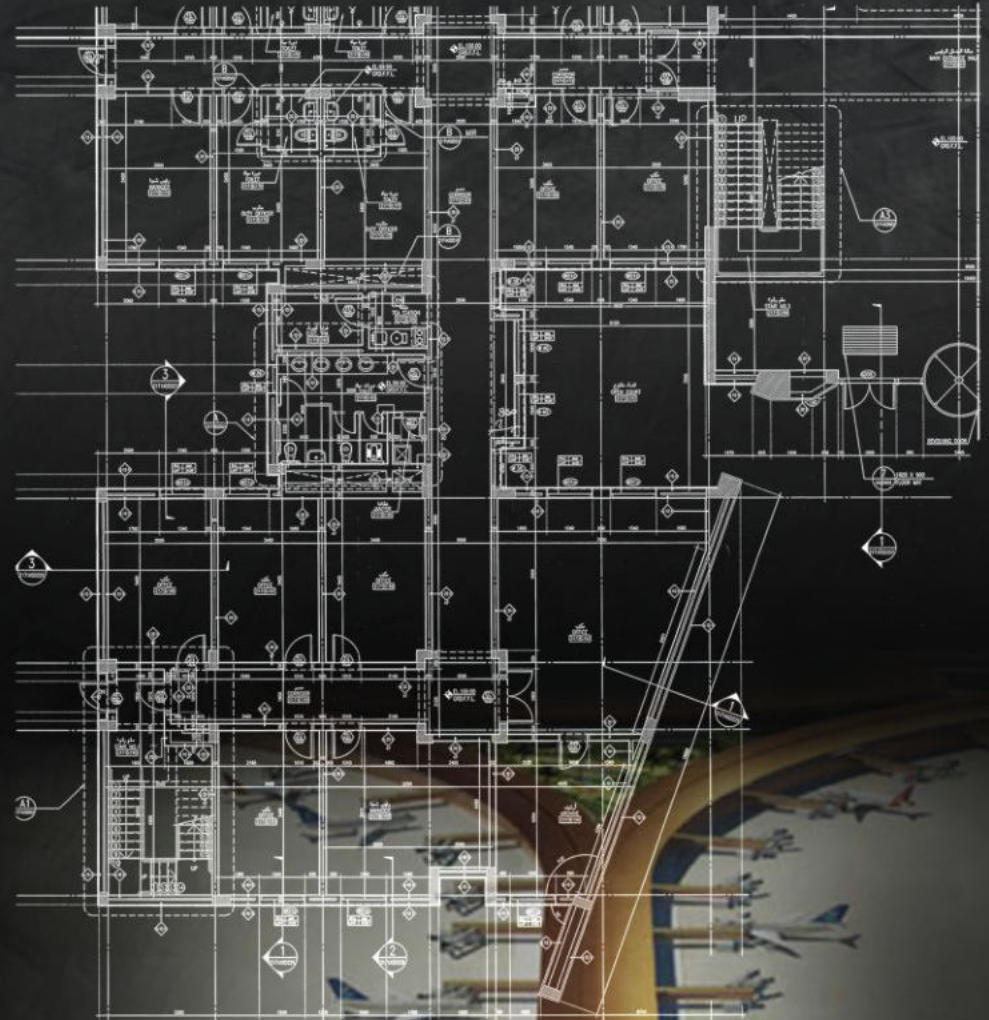
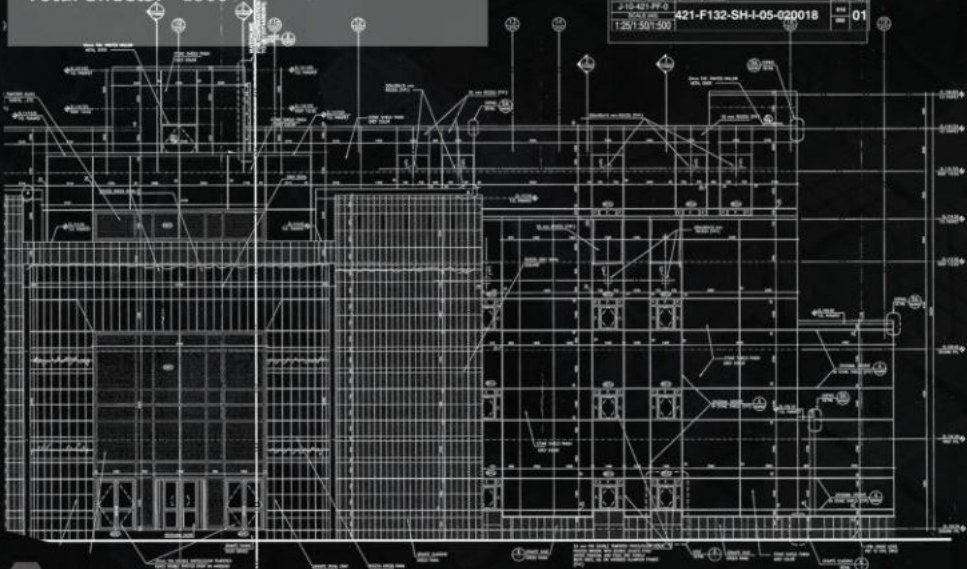
CONSTRUCTION MANAGER: Star al-handasah

CONTRACTOR: SUBCONTRACTOR: SAUDI BILADIN GROUP

PHASE & DISCIPLINE: SHOP DRAWING INTERIOR

DRAWING TITLE: PASSENGER TERMINAL BUILDING ZONE E SUITE KING (HO-01-BE-018) ELEVATIONS LEVEL 02

PROJECT NUMBER: 421-F132-SH-I-05-020018 SHEET NO: 01



Partner in success



Client



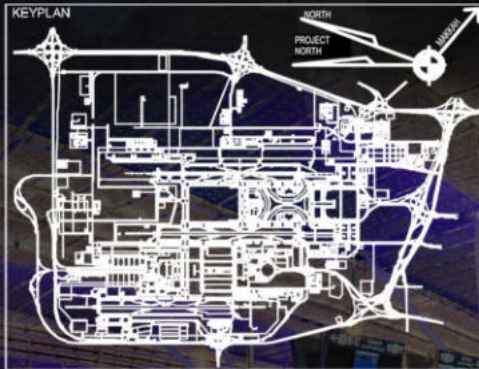
King Abdulaziz International Airport

Jeddah, Saudi Arabia

Category: PTB Zone B and F
D100 Ramp

Program: Structural Design Development,
Design Verification,
& Shop Drawings
As-Built

Total Sheets: 600



REVISION				
NO.	DATE	ISSUED FOR APPROVAL	BY	DATE
0	14.01.13	ISSUED FOR APPROVAL	MAX	14.01.13
1		REVISION OF DETAIL		

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
MAX	KHATT		14.01.13

APPROVED AS SUBMITTED
APPROVED WITH NO CHANGES
REVISION NO. _____

KINGDOM OF SAUDI ARABIA
THE GENERAL AUTHORITY OF CIVIL AVIATION
KING ABDULAZIZ INTERNATIONAL AIRPORT
TERMINAL COMPLEX, CONTROL TOWER AND
SUPPORTING FACILITIES

CLIENT:

المدينة العامة للطيران المدني
General Authority of Civil Aviation

PROJECT:
KINGDOM OF SAUDI ARABIA
MINISTRY OF DEFENCE AND AVIATION
GENERAL AUTHORITY OF CIVIL AVIATION
KING ABDULAZIZ INTERNATIONAL AIRPORT
DEVELOPMENT PROJECT
مشروع تطوير مطار الملك عبد العزيز الدولي

CONSTRUCTION MANAGER:

daral-handasah
شركتنا وشركائنا

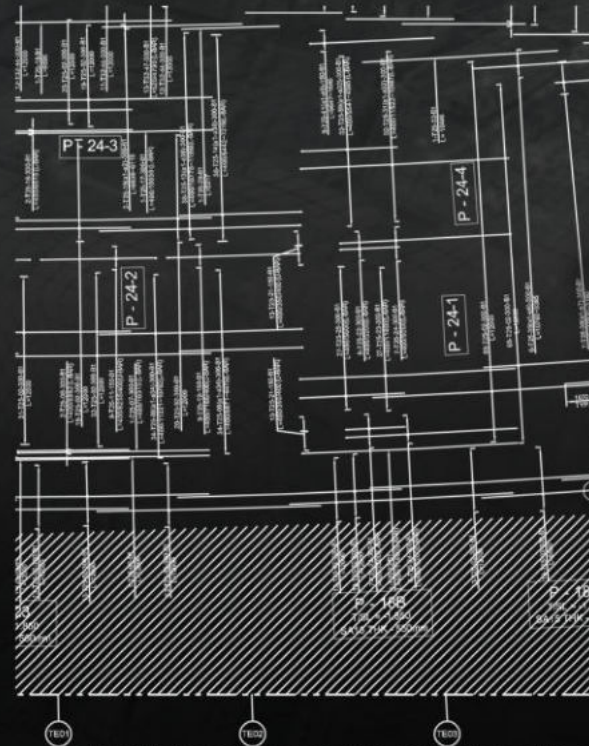
MAIN CONTRACTOR: SAUDI BINA'AH GROUP
SUB CONTRACTOR:
arabtec

PHASE & DESCRIPTION: SHOP DRAWING
STRUCTURAL

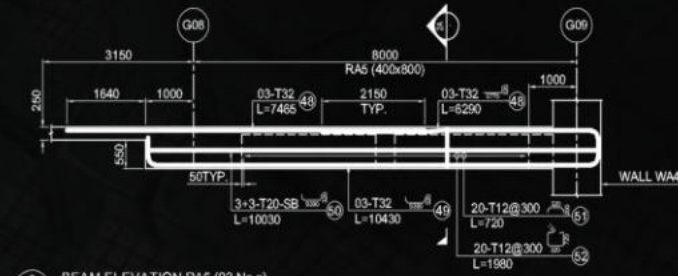
DRAWING TITLE:
PASSENGER TERMINAL BUILDING
BOTTOM (B1) REINFORCEMENT LAYOUT
AT LEVEL 0 (ZONE-A&H)
BETWEEN (GRID EC TO EA5)/(GRID T01 TO T02)
& GRID G19 TO H02.5)

REV.	DESCRIPTION	DATE	BY
0	ISSUED FOR APPROVAL	14.01.13	MAX
1	REVISION OF DETAIL		

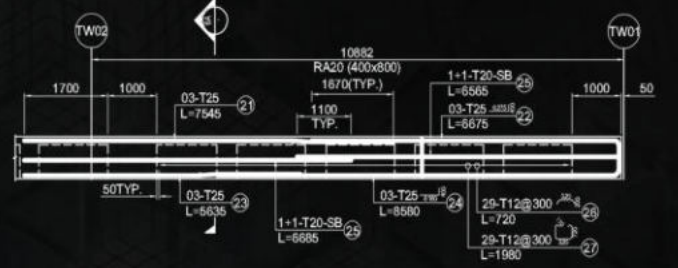
421-F120-SH-S-04-GF0827



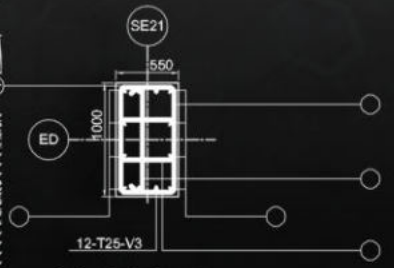
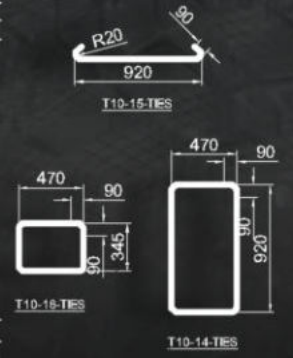
BOTTOM (B1) REINFORCEMENT LAYOUT AT LEVEL 0
SCALE 1:100



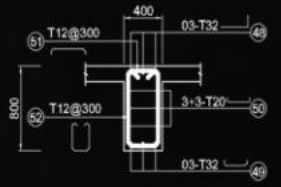
3 BEAM ELEVATION RA5 (03 No.5)
SCALE: 1:50
BETWEEN (GRID TW02 & TW02/G19 & G08)



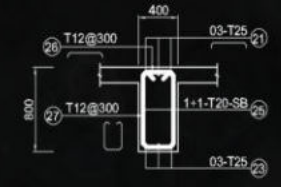
13 BEAM ELEVATION RA20 (400x800)
SCALE: 1:50
BETWEEN (GRID TW02 & TW02/G19 & G08)



15 SECTION - 4B
SCALE: 1:25



4 SECTION - 2A
SCALE: 1:25



13 SECTION - 6A
SCALE: 1:25

Client:



King Abdulaziz International Conference center Riyadh, Saudi Arabia

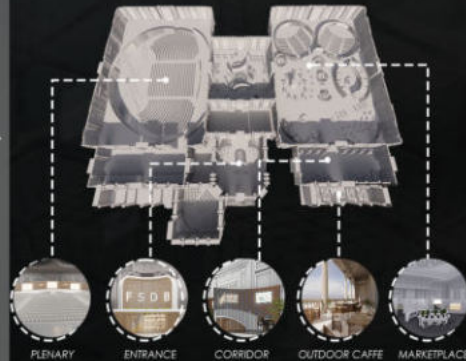
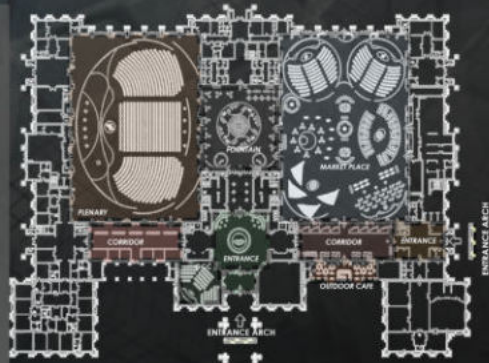
This project is located in King Abdulaziz international conference center with approximate area 24,500 m². It was required to fully create modern interior design to host different events there. It is divided into 10 different parts that includes plenary, work-shops, booths, lounges and gathering areas.

Category: Architectural full design

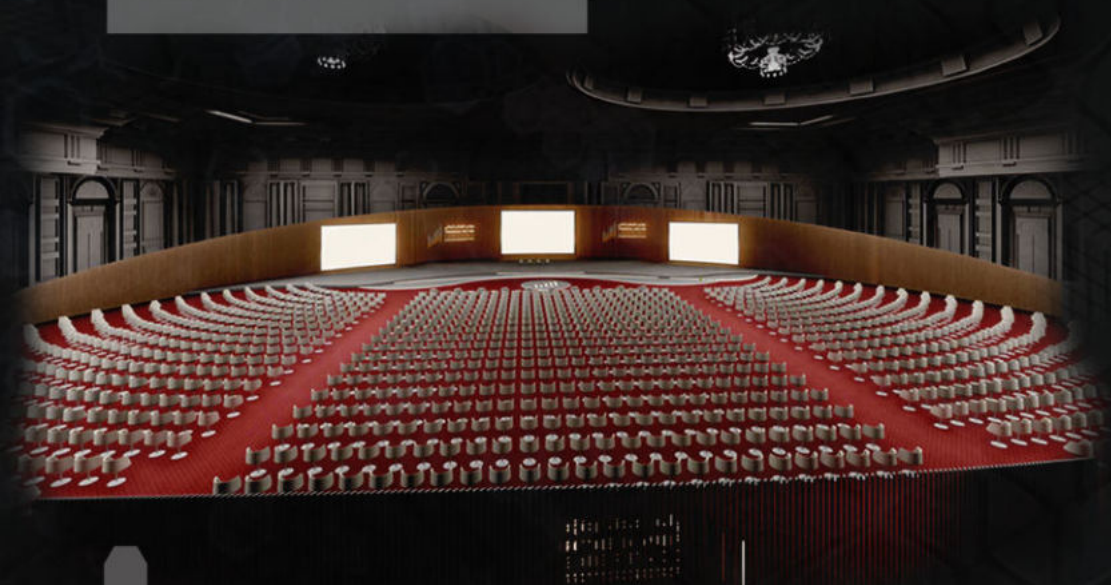
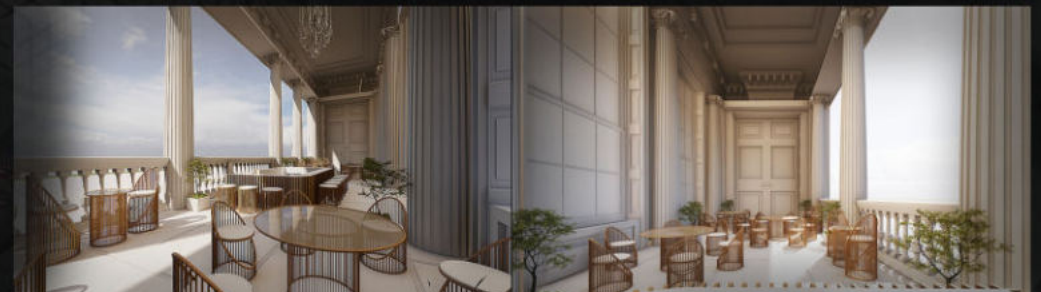
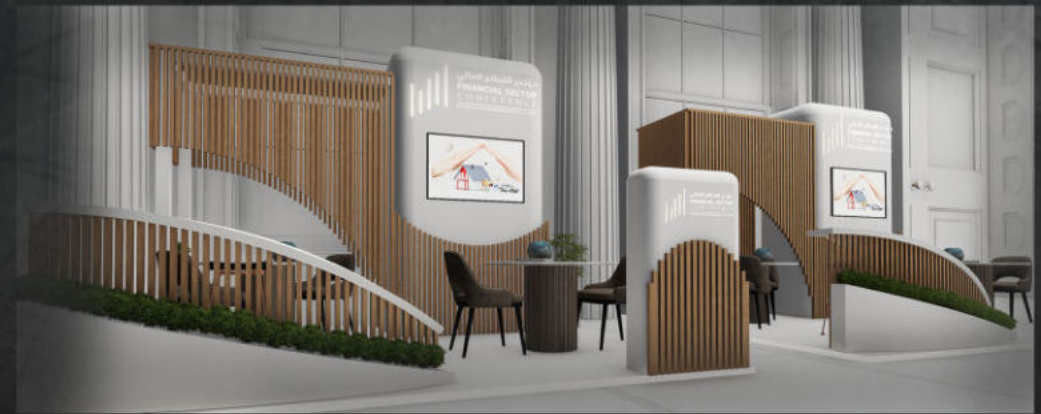
Location: Riyadh, Saudi Arabia.

Program: Conceptual architectural design
Full design of elements

Total Area: 24,500 m²



PLENARY ENTRANCE CORRIDOR OUTDOOR CAFE MARKETPLACE







COMMERCIAL PROJECTS



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 [facebook social media](#)

Tel. / Fax: 002 02 25658414
Address: Gardenia Mall, 5th Settlement, New Cairo, Egypt
info@edgescons.com



Partner in success



Client



H9 MARASSI HOTEL North Coast, Egypt

The project consists of 10 parts consisting of 5 stories, each storey's area is about 10,000 m2. The approximate built up area of hotel is 43,000 m2.

Category: Architectural and structural design development

Location: North Coast, Egypt.

Program: Architectural: Design modification, design development and shop drawings.

Structural: Design verification, design development Shop drawings reinforcement, concrete dimensions and Revit modelling.

MEP :Infra Design modification & shop drawings.

Total Area: 43,000 m2

PROJECT:
MARINA H9 BEACH HOTEL
THE ADDRESS HOTEL
MEDITERRANEAN-NORTH COAST, EGYPT

CLIENT:
 EMAAR MISR FOR DEVELOPMENT S.A.E
P.O. BOX 229
MOKATTAM, CAIRO
EGYPT
TEL: +90 2 2503 2000
FAX: +90 2 2503 2020
EMAIL: WWW.EMAAR.COM

PROJECT MANAGEMENT:
 TURNER INTERNATIONAL MIDDLE EAST
SALES CENTER, GROUND FLOOR
MOKATTAM, CAIRO, EGYPT
PHONE: +90 2 2503 2040
FAX: +90 2 2503 2099
EMAIL: NSA@TCCO.COM

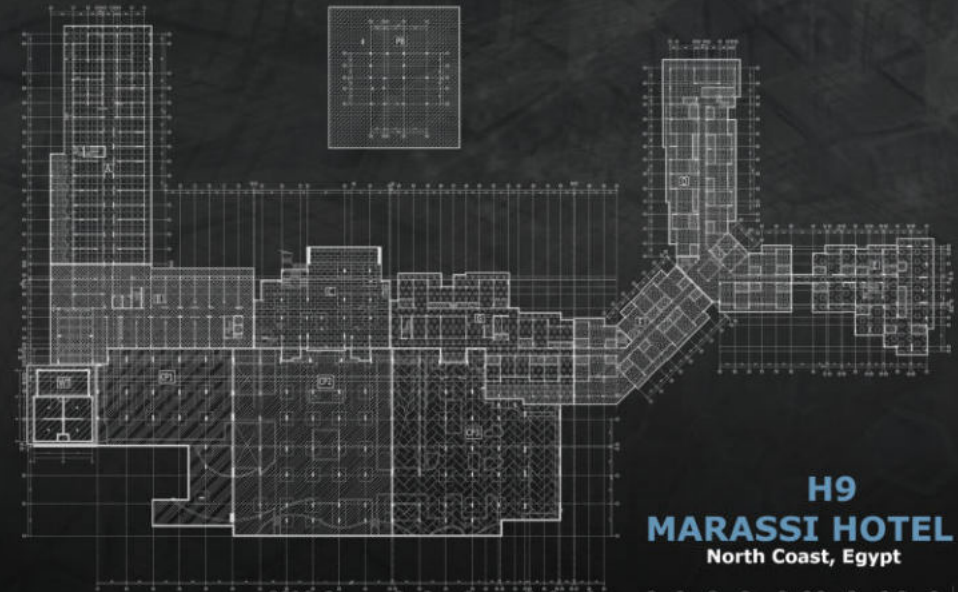
LEAD CONSULTANT:
 ECG
ENGINEERING CONSULTANTS GROUP S.A.
www.ecggroup.com

SUB CONSULTANT:
 PERKINS EASTMAN
115 FIFTH AVENUE,
NEW YORK, NY 10003
T: +1 212 383 7200
F: +1 212 383 7676

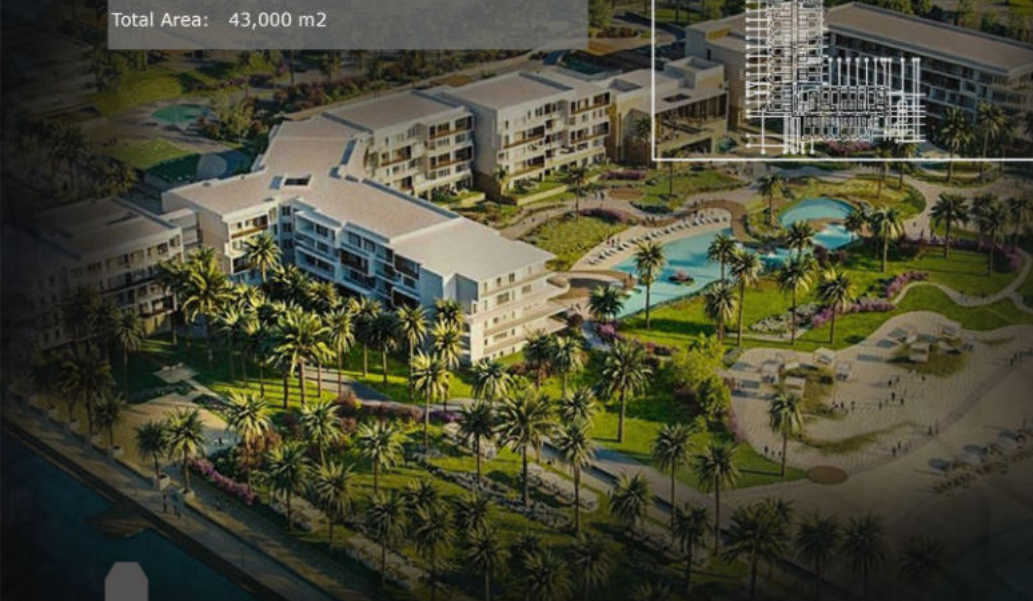
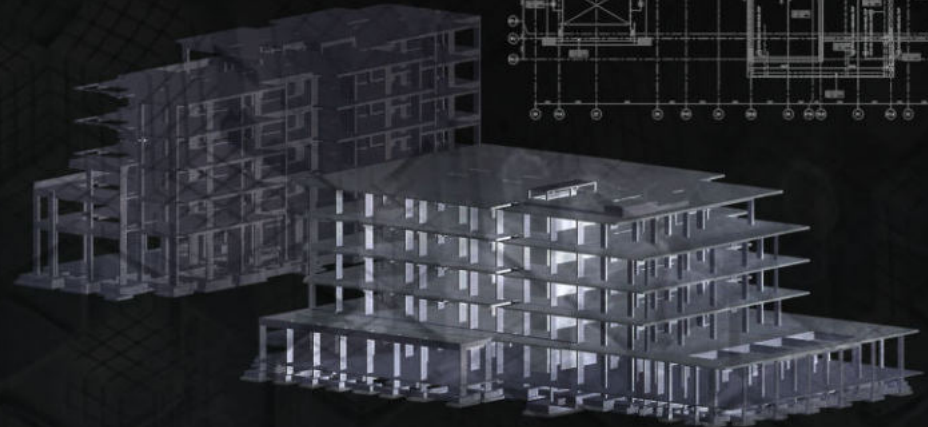
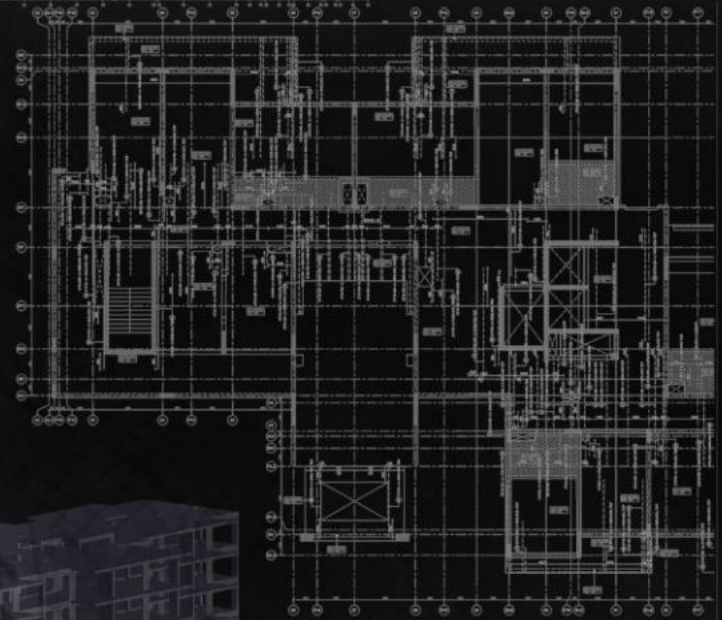
SUB CONSULTANT:
 WILSON ASSOCIATES
DUBAI
Dubai Design District
Building 4, Suite B508, 9th Floor
P.O. Box 336133
Dubai, United Arab Emirates
T: +971 (0) 4279 6400
www.wilsonassociates.com

MAIN CONTRACTOR:
 HASSAN ALLAM CONSTRUCTION

REVISIONS:

H9 MARASSI HOTEL North Coast, Egypt





Partner in success



China State Construction
Engineering Corporation

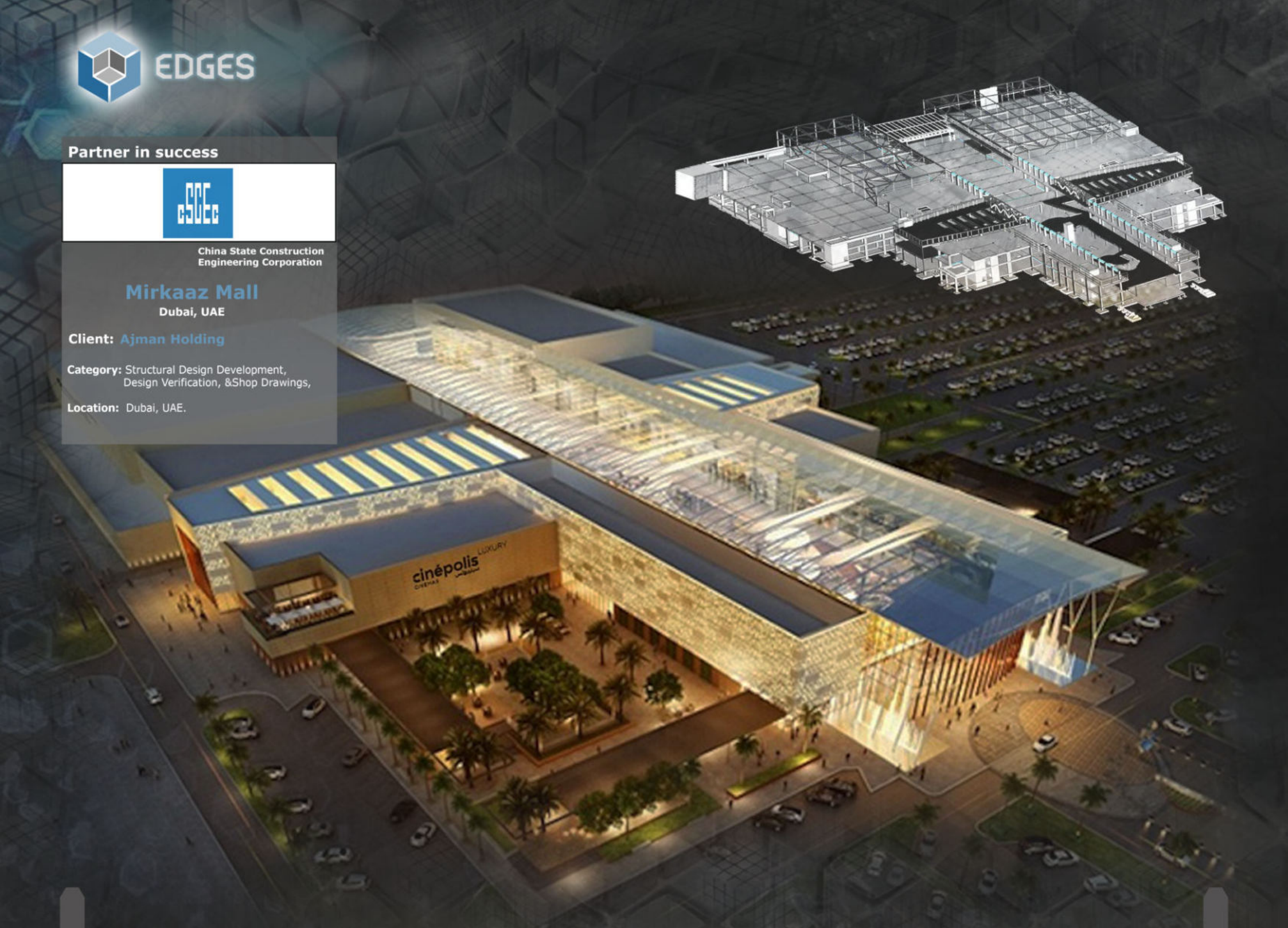
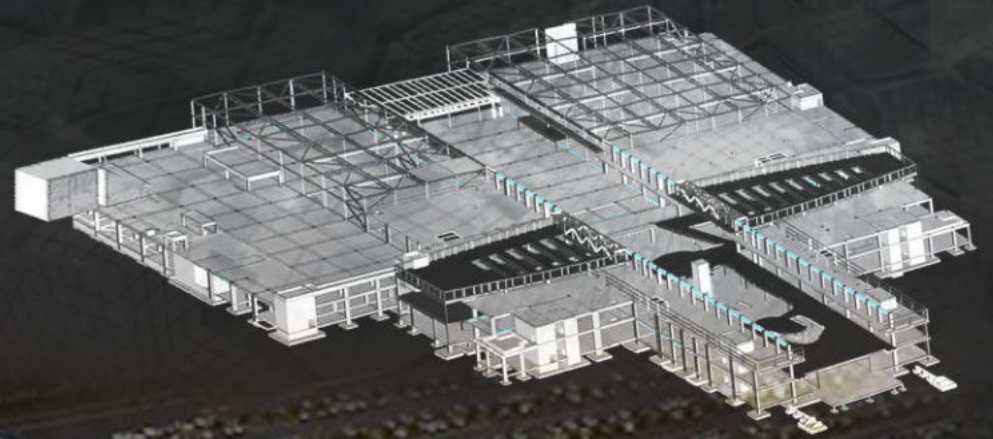
Mirkaaz Mall

Dubai, UAE

Client: **Ajman Holding**

Category: Structural Design Development,
Design Verification, & Shop Drawings,

Location: Dubai, UAE.



Partner in success :



Client: **Al-Masah Hotel**
New Capital, Egypt

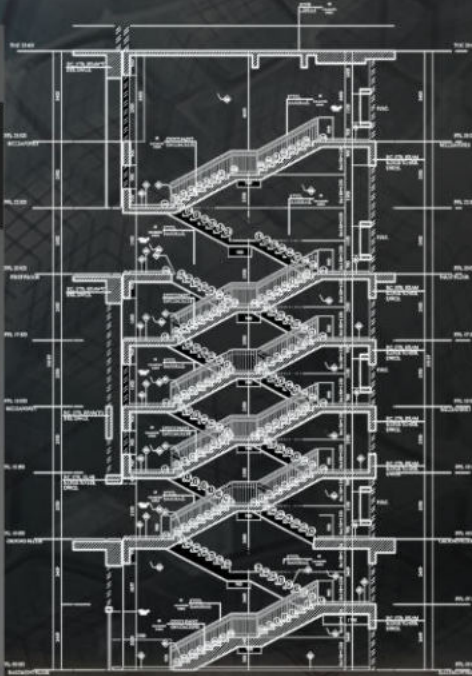
EDGES participated in producing over 1200 Architectural and Structural Design Verification, Design Development & Shop Drawings.

Category: Architectural and Structural Design Verification, Design Development, & Shop Drawings

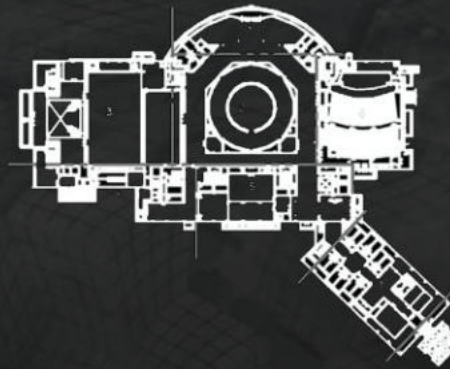
Location: New Capital, Cairo, Egypt

Total sheets: Over 700 Structural Design Verification, Design Development & Shop Drawings.

Over 550 Architectural Design Verification, Design Development & Shop Drawings.



KEY PLAN



ECG ENGINEERING CONSULTANTS GROUP

مجموعة استشارات المهندسين

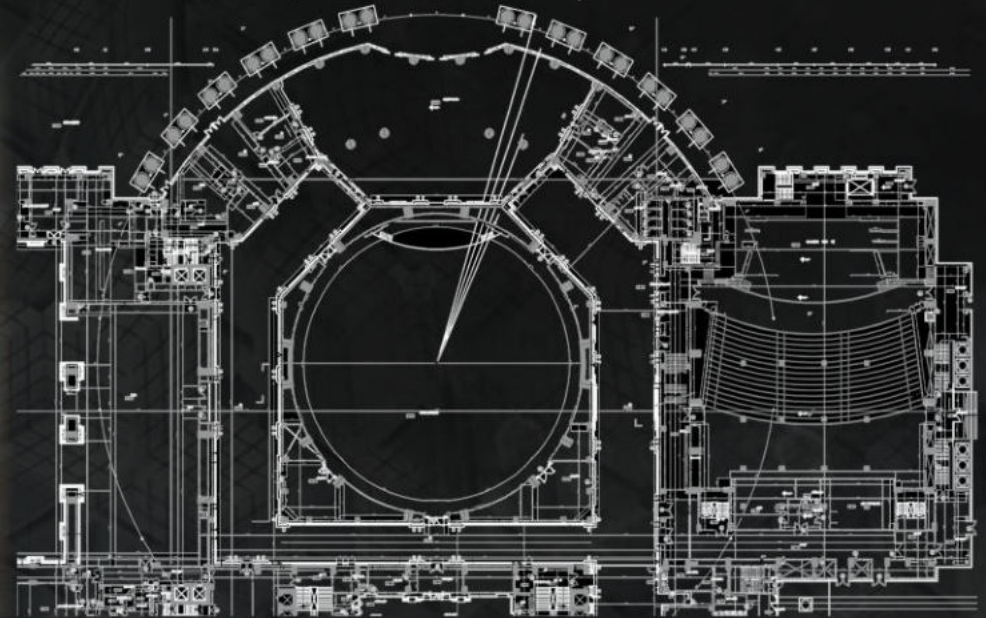
ELDOKKI DISTRICT, HELWAN 2, HELWAN GOV, HELWAN, EGYPT
P.O. BOX 1192, HELWAN HELWAN GOV HELWAN, EGYPT
WWW.ECG-EGYPT.COM TEL: +967 3 2224400 FAX: +967 3 2224400
WWW.ECG-EGYPT.COM



المساح
ALMASAH

Al Masah, New Capital Icon

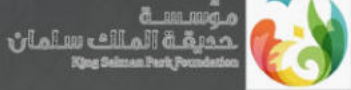
3D VIEW, Interior Design



Partner in success

MBL

Client:



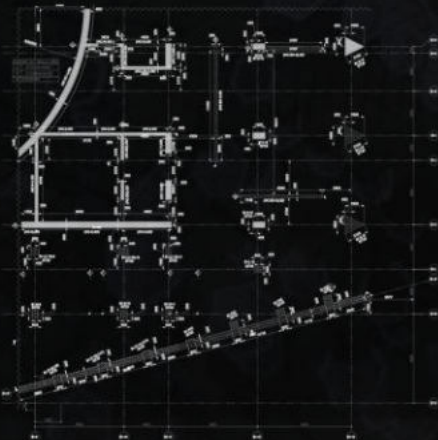
National Theater Riyadh, Saudi Arabia

This building is divided into 6 parts including auditorium, it consists of composite systems steel and concrete.

Auditorium area: 1,000 m²
Total height= 24 m


Category: Structural design development.
Location: Riyadh , Saudi Arabia.

Program:
Structural: Reinforcement & conc dim shop drawings for (foundations, columns, cores and walls, slabs, beams, stairs
Concrete dimensions for (foundations, slabs, beams, columns and stairs.
Total Area: 8,000 m².




COLUMN & BEAM PLAN OF THEATER, 4/2014
REV: 0
DATE: 1/10


KEY PLAN:



PROJECT:
حديقة الملك سلمان
King Salman Park
CP04 : ROYAL ARTS COMPLEX




CLIENT:
حديقة الملك سلمان
King Salman Park Foundation




DESIGN CONSULTANTS:
RSTA
RSCPIII, ARQUITECTURA S.L.
Av. Industria 14,
08960, Sant Just Desvern,
Barcelona,
Spain
T: +34 93 499 99 00

DESIGN CONSULTANTS:




dar al-handasah
sheik and partners

PROJECT CONSULTANT:
PMO:




PARSONS

PROJECT CONSULTANT:
PMCM:



FAITHFUL+GOULD
Member of the SNC-Lavalin Group

PROJECT CONSULTANT:
PMCM:

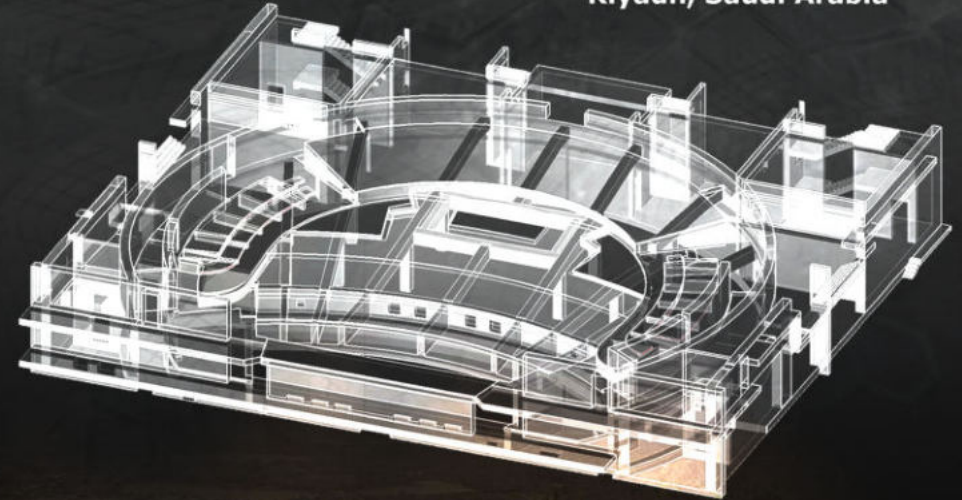


wsp

CONTRACTOR:

MBL

National Theater Riyadh, Saudi Arabia



Partner in success



MNS1 palace
New Capital, Egypt

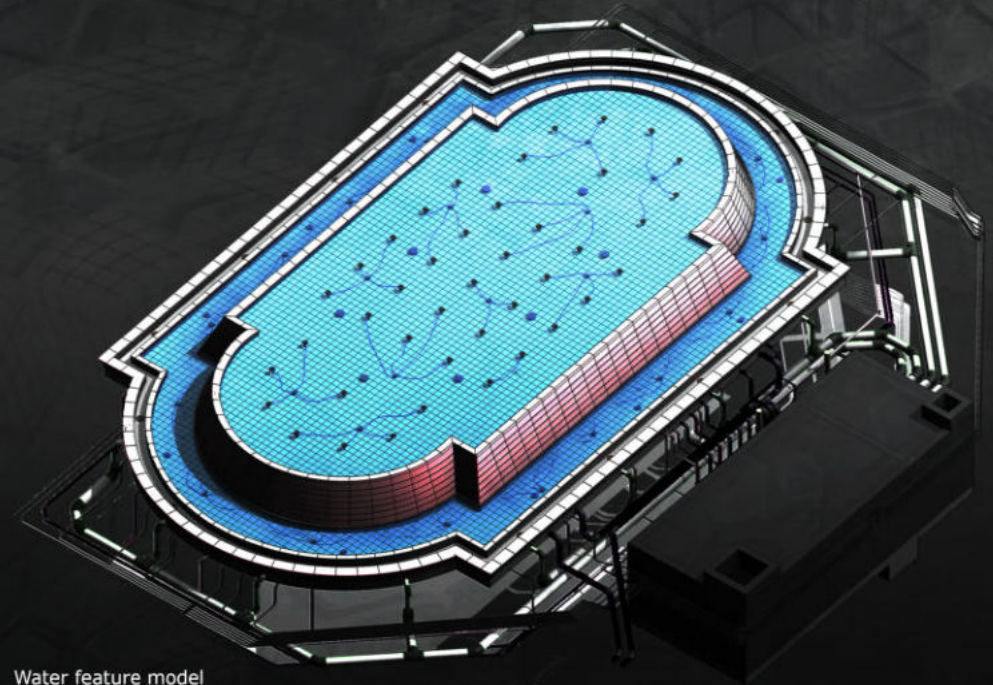
Private Client.

EDGES produced over 1300 Structural and Architectural and str shop drawings Sheets in MNS palace

Category: Structural and Architectural design development

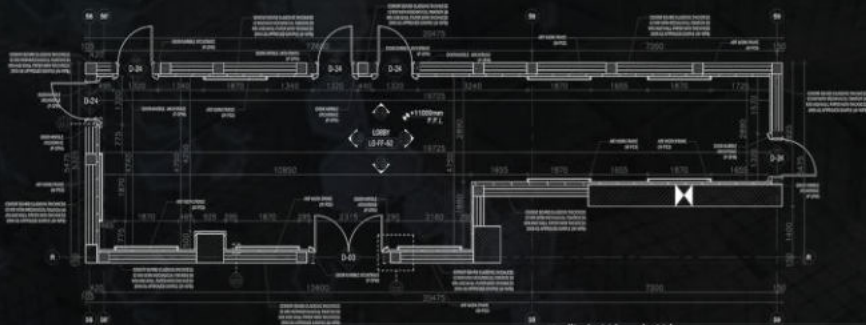
Location: Cairo, Egypt.

Total sheets: Over 700 Structural shop drawings, design verification and Shop drawings. Over 550 Architectural design development, design verification and Shop drawings Shop Drawings



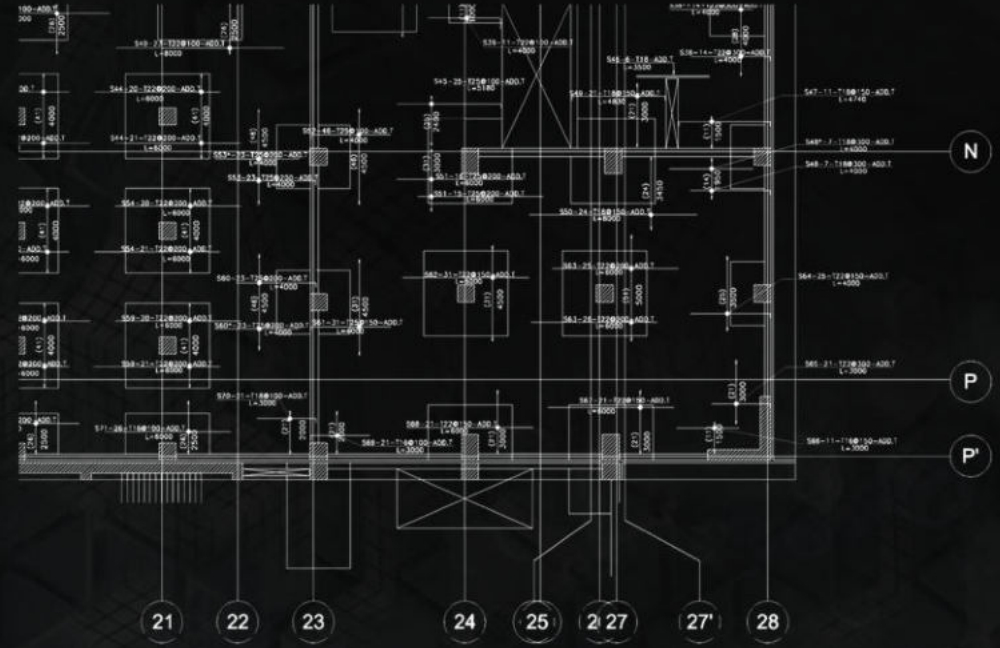
Water feature model

MNS1 palace
New Capital, Egypt



Artwork Code: AW-02	Block Work
Artwork Profile Code: W-PS3	REINFORCED CONCRETE POST 300 X300 MM
Cement Board Cladding Thickness 12mm With Mechanical Fixation 50mm And Wall Paper With Thickness 2mm THICKNESS 12MM Code:W-WPB	Door Frame
Marble Skirting 600 mm Height Code: S-MBR	
Door Marble Architrave Code:P-SPM	

4 DETAIL(2) - DOOR FRAME P-SPM





Partner in success



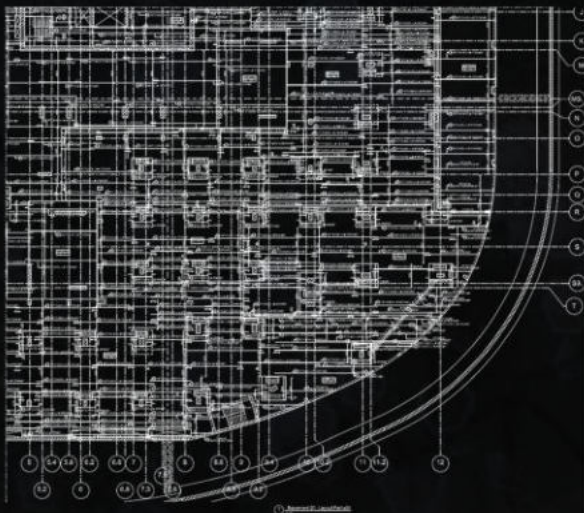
Client:



AEON Tower 6th of October city, Egypt

20 Floors Towers that present the best of both; urban and suburban living, situated in West Cairo, Aeon Towers deliver an unparalleled high-end living experience accentuated by a diverse range of services and facilities, achieving a great balance between the comfort and tranquility of suburban life and the excitement of modern living.

- Owner:** Marakez Group (Member of Fawaz Hokair Group)
- Category:** Structural Design Development, Design Verification, & Shop Drawings.
- Location:** 6th of October City, Egypt.
- Program:** slabs, columns and Beams Reinforcement Detailing.
Core Walls Reinforcement Detailing, Swimming Pool Reinforcement Detailing.



REV PLAN

DESIGN REFERENCE & LETTERS

NO	NUMBER	TITLE	REV	DATE
01	00-27-03-01-20-000-00	BASEMENT 01 FLOOR PLAN	08	JUN. 2019

REVISION TABLE

REV.	DATE	ISSUED FOR	DRW	CHK
08	AUG. 2019	APPROVAL		
07	AUG. 2019	APPROVAL		

PROJECT: AEON TOWER 6th October City

OWNER:

MAIN CONSULTANT: EHAFC CONSULTING ENGINEERS
5 Abdel El Rahman Hussein St. Mohandeseen, Cairo, Egypt
T: +20 (2)3760 10 99
F: +20 (2)3760 86 64
info@ehaf.com
www.ehaf.com

STRUCTURAL CONSULTANT: CDEC CENTER OF DESIGN & ENGINEERING CONSULTING
بمقره القاهرة
مركز التصميم والهندسة الاستشارية
مركز التصميم والهندسة الاستشارية
مركز التصميم والهندسة الاستشارية
www.ecgsa.com

MFP CONSULTANT: SHAKER CONSULTANCY GROUP

SITE SUPERVISOR CONSULTANT: ECG ENGINEERING CONSULTANTS GROUP s.a.
www.ecgsa.com

MAIN CONTRACTOR:

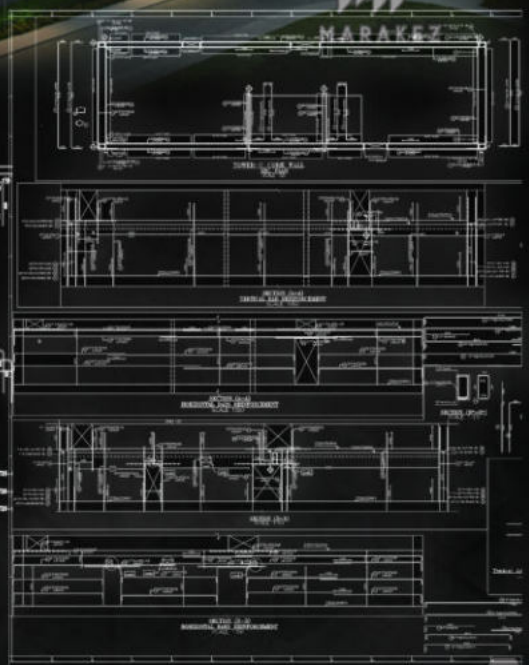
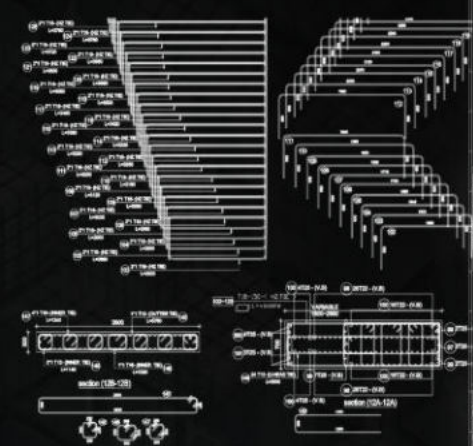
SHEET TITLE: (SHOP DRAWING)
Basement 01 Layout Part 4
Bottom Reinforcement Details (X-Direction)

DRAWING NUMBER									
PROJECT	PHASE	DISC	NO	TYPE	SUBJECT	SHEET	TOTAL	DATE	SCALE
AEON	MFC	P04	01	RD	RF	00-10	01	1/100	

ZOOM



AEON Tower
6th of October city, Egypt





Partner in success



Client :



Arab African International Bank New Capital, Egypt

The building consists of 4 parts, and consisting of 9 stories.

The approximate built up of the building is 9,000 m2.

Category: Structural and mep design development
Location: New Capital, Egypt.

Program:
Structural: Shop drawings reinforcement, concrete dimensions.
MEP: Design modification, design development and shop drawings.

Total Area: 9,000 m2

CLIENT
 البنك العربي الافريقي الدولي
 ARAB AFRICAN INTERNATIONAL BANK
 العربية افريقية
 arab african international bank

URBAN DEVELOPER
 شركة العاصمة الادارية الجديدة
 للتنمية العمرانية
 ACUD
 ADMINIST BASTEL CAPITAL
 شركة الاستثمار والتطوير
 للعاصمة الادارية الجديدة

ARCHITECTURAL & STRUCTURAL CONSULTANT
 ECG
 ENGINEERING CONSULTANTS GROUP S.A.
 جماعة المهندسين الاستشاريين
 www.ecggroup.com

MEP CONSULTANT
 SHAKER
 CONSULTANCY GROUP

MAIN CONTRACTOR
 HASSAN ALLAM
 CONSTRUCTION

MEP PLAN

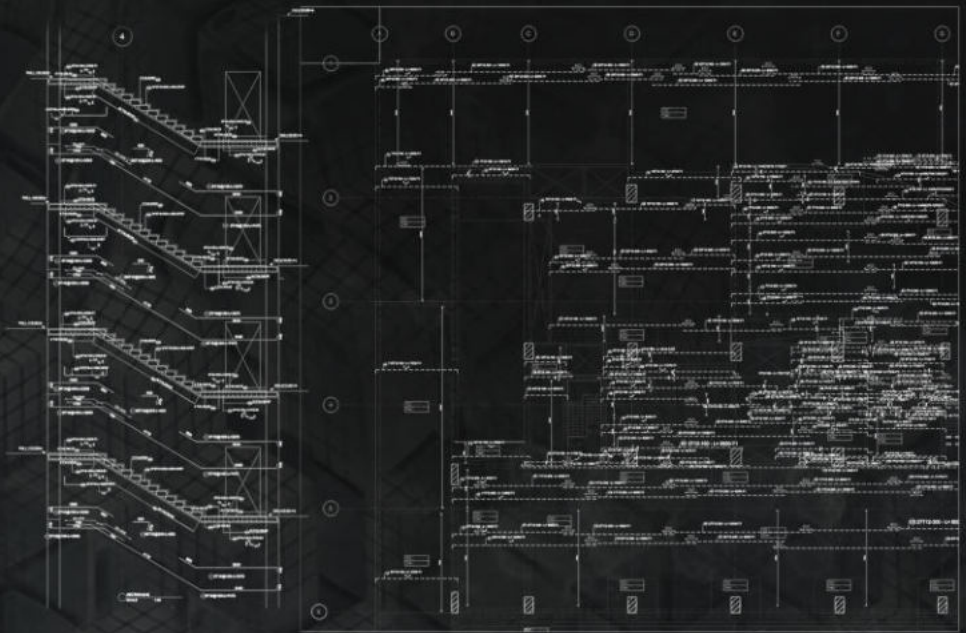
PROJECT DATA
 ARAB AFRICAN INTERNATIONAL BANK
 AT ADMIN CAPITAL

SCOPE
 STRUCTURAL

DESIGN
 STRUCTURAL REINFORCEMENT



Arab African International Bank New Capital, Egypt





Partner in success

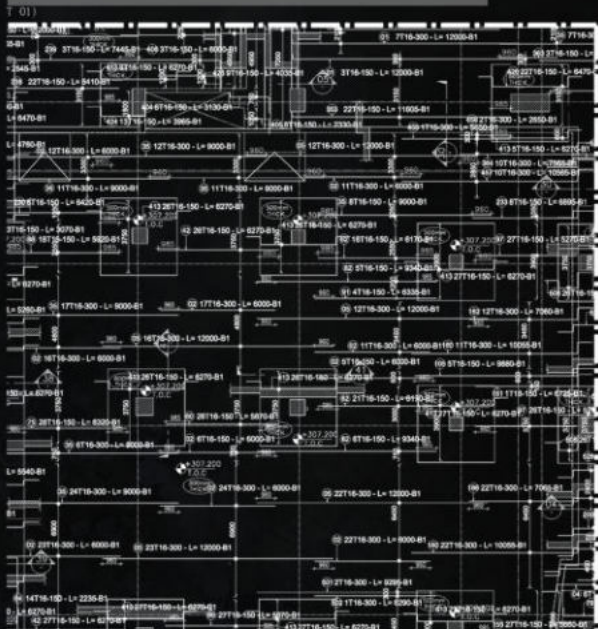


Suez Canal Bank - SCB
New Capital, Egypt

Category: Architectural and Structural Design
Development, Design Verification,
& Shop Drawings

Location: New Capital, Egypt.

Program: Edges produced over 800
Architectural and Structural
Shop Drawings.



LEGEND AND ABBREVIATIONS:			
WALL TYPE	WALL NO.	WALL THICKNESS	C.M.U. Type
W01	200 mm	Hollow	—
W02	200 mm	Solid	—
W03	200 mm	Solid	1 Hr
W04	200 mm	Solid	1.5 Hr
W05	200 mm	Solid	2 Hr
W06	100 mm	Solid	—
W08	100 mm	Hollow	—
FF - LEVEL	E.G. - TOP OF FINISH		
F.F. - FINISH FLOOR LEVEL	E.G. - TOP OF FINISH		
F.O.F. - TOP OF FRAME	E.G. - TOP OF FRAME		
F.F.L. - FINISH FLOOR LEVEL	E.G. - TOP OF FINISH		
F.O.R. - TOP OF RAIL	E.G. - TOP OF RAIL		
F.C.L. - FINISH CEILING LEVEL	E.G. - TOP OF FINISH		
F.P. - FINISH PLASTER	E.G. - TOP OF FINISH		
F.C.T. - FINISH CEILING TRUSS	E.G. - TOP OF FINISH		
F.C.L. - FINISH CEILING LEVEL	E.G. - TOP OF FINISH		
F.B. - FLOOR BEAM	E.G. - TOP OF FINISH		
R.B. - ROOF BEAM	E.G. - TOP OF FINISH		
E.L. - EXPANSION JOINT	E.G. - TOP OF FINISH		
C.L. - CONDENSER UNIT	E.G. - TOP OF FINISH		
SLAB TH. - SLAB THICKNESS	E.G. - TOP OF FINISH		
C.R. - CONTROL JOINT	E.G. - TOP OF FINISH		
WALL DESIGNATOR	WALL TYPE	WALL SIZE	WALL HEIGHT
W01	W01	200 mm	2.200
W02	W02	200 mm	2.200
W03	W03	200 mm	2.200
W04	W04	200 mm	2.200
W05	W05	200 mm	2.200
W06	W06	100 mm	2.200
W08	W08	100 mm	2.200
DOOR DESIGNATOR KEY	DOOR TYPE	DOOR SIZE	DOOR HEIGHT
D01	D01	2000 x 2000	2000
D02	D02	2000 x 2000	2000
D03	D03	2000 x 2000	2000
D04	D04	2000 x 2000	2000
D05	D05	2000 x 2000	2000
D06	D06	2000 x 2000	2000
D07	D07	2000 x 2000	2000
D08	D08	2000 x 2000	2000
D09	D09	2000 x 2000	2000
D10	D10	2000 x 2000	2000
D11	D11	2000 x 2000	2000
D12	D12	2000 x 2000	2000
D13	D13	2000 x 2000	2000
D14	D14	2000 x 2000	2000
D15	D15	2000 x 2000	2000
D16	D16	2000 x 2000	2000
D17	D17	2000 x 2000	2000
D18	D18	2000 x 2000	2000
D19	D19	2000 x 2000	2000
D20	D20	2000 x 2000	2000
D21	D21	2000 x 2000	2000
D22	D22	2000 x 2000	2000
D23	D23	2000 x 2000	2000
D24	D24	2000 x 2000	2000
D25	D25	2000 x 2000	2000
D26	D26	2000 x 2000	2000
D27	D27	2000 x 2000	2000
D28	D28	2000 x 2000	2000
D29	D29	2000 x 2000	2000
D30	D30	2000 x 2000	2000
D31	D31	2000 x 2000	2000
D32	D32	2000 x 2000	2000
D33	D33	2000 x 2000	2000
D34	D34	2000 x 2000	2000
D35	D35	2000 x 2000	2000
D36	D36	2000 x 2000	2000
D37	D37	2000 x 2000	2000
D38	D38	2000 x 2000	2000
D39	D39	2000 x 2000	2000
D40	D40	2000 x 2000	2000
D41	D41	2000 x 2000	2000
D42	D42	2000 x 2000	2000
D43	D43	2000 x 2000	2000
D44	D44	2000 x 2000	2000
D45	D45	2000 x 2000	2000
D46	D46	2000 x 2000	2000
D47	D47	2000 x 2000	2000
D48	D48	2000 x 2000	2000
D49	D49	2000 x 2000	2000
D50	D50	2000 x 2000	2000
D51	D51	2000 x 2000	2000
D52	D52	2000 x 2000	2000
D53	D53	2000 x 2000	2000
D54	D54	2000 x 2000	2000
D55	D55	2000 x 2000	2000
D56	D56	2000 x 2000	2000
D57	D57	2000 x 2000	2000
D58	D58	2000 x 2000	2000
D59	D59	2000 x 2000	2000
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D70	D70	2000 x 2000	2000
D71	D71	2000 x 2000	2000
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D80	D80	2000 x 2000	2000
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D84	D84	2000 x 2000	2000
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D86	D86	2000 x 2000	2000
D87	D87	2000 x 2000	2000
D88	D88	2000 x 2000	2000
D89	D89	2000 x 2000	2000
D90	D90	2000 x 2000	2000
D91	D91	2000 x 2000	2000
D92	D92	2000 x 2000	2000
D93	D93	2000 x 2000	2000
D94	D94	2000 x 2000	2000
D95	D95	2000 x 2000	2000
D96	D96	2000 x 2000	2000
D97	D97	2000 x 2000	2000
D98	D98	2000 x 2000	2000
D99	D99	2000 x 2000	2000
D100	D100	2000 x 2000	2000
D101	D101	2000 x 2000	2000
D102	D102	2000 x 2000	2000
D103	D103	2000 x 2000	2000
D104	D104	2000 x 2000	2000
D105	D105	2000 x 2000	2000
D106	D106	2000 x 2000	2000
D107	D107	2000 x 2000	2000
D108	D108	2000 x 2000	2000
D109	D109	2000 x 2000	2000
D110	D110	2000 x 2000	2000
D111	D111	2000 x 2000	2000
D112	D112	2000 x 2000	2000
D113	D113	2000 x 2000	2000
D114	D114	2000 x 2000	2000
D115	D115	2000 x 2000	2000
D116	D116	2000 x 2000	2000
D117	D117	2000 x 2000	2000
D118	D118	2000 x 2000	2000
D119	D119	2000 x 2000	2000
D120	D120	2000 x 2000	2000
D121	D121	2000 x 2000	2000
D122	D122	2000 x 2000	2000
D123	D123	2000 x 2000	2000
D124	D124	2000 x 2000	2000
D125	D125	2000 x 2000	2000
D126	D126	2000 x 2000	2000
D127	D127	2000 x 2000	2000
D128	D128	2000 x 2000	2000
D129	D129	2000 x 2000	2000
D130	D130	2000 x 2000	2000
D131	D131	2000 x 2000	2000
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D134	D134	2000 x 2000	2000
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D136	D136	2000 x 2000	2000
D137	D137	2000 x 2000	2000
D138	D138	2000 x 2000	2000
D139	D139	2000 x 2000	2000
D140	D140	2000 x 2000	2000
D141	D141	2000 x 2000	2000
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D143	D143	2000 x 2000	2000
D144	D144	2000 x 2000	2000
D145	D145	2000 x 2000	2000
D146	D146	2000 x 2000	2000
D147	D147	2000 x 2000	2000
D148	D148	2000 x 2000	2000
D149	D149	2000 x 2000	2000
D150	D150	2000 x 2000	2000
D151	D151	2000 x 2000	2000
D152	D152	2000 x 2000	2000
D153	D153	2000 x 2000	2000
D154	D154	2000 x 2000	2000
D155	D155	2000 x 2000	2000
D156	D156	2000 x 2000	2000
D157	D157	2000 x 2000	2000
D158	D158	2000 x 2000	2000
D159	D159	2000 x 2000	2000
D160	D160	2000 x 2000	2000
D161	D161	2000 x 2000	2000
D162	D162	2000 x 2000	2000
D163	D163	2000 x 2000	2000
D164	D164	2000 x 2000	2000
D165	D165	2000 x 2000	2000
D166	D166	2000 x 2000	2000
D167	D167	2000 x 2000	2000
D168	D168	2000 x 2000	2000
D169	D169	2000 x 2000	2000
D170	D170	2000 x 2000	2000
D171	D171	2000 x 2000	2000
D172	D172	2000 x 2000	2000
D173	D173	2000 x 2000	2000
D174	D174	2000 x 2000	2000
D175	D175	2000 x 2000	2000
D176	D176	2000 x 2000	2000
D177	D177	2000 x 2000	2000
D178	D178	2000 x 2000	2000
D179	D179	2000 x 2000	2000
D180	D180	2000 x 2000	2000
D181	D181	2000 x 2000	2000
D182	D182	2000 x 2000	2000
D183	D183	2000 x 2000	2000
D184	D184	2000 x 2000	2000
D185	D185	2000 x 2000	2000
D186	D186	2000 x 2000	2000
D187	D187	2000 x 2000	2000
D188	D188	2000 x 2000	2000
D189	D189	2000 x 2000	2000
D190	D190	2000 x 2000	2000
D191	D191	2000 x 2000	2000
D192	D192	2000 x 2000	2000
D193	D193	2000 x 2000	2000
D194	D194	2000 x 2000	2000
D195	D195	2000 x 2000	2000
D196	D196	2000 x 2000	2000
D197	D197	2000 x 2000	2000
D198	D198	2000 x 2000	2000
D199	D199	2000 x 2000	2000
D200	D200	2000 x 2000	2000
D201	D201	2000 x 2000	2000
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D205	D205	2000 x 2000	2000
D206	D206	2000 x 2000	2000
D207	D207	2000 x 2000	2000
D208	D208	2000 x 2000	2000
D209	D209	2000 x 2000	2000
D210	D210	2000 x 2000	2000
D211	D211	2000 x 2000	2000
D212	D212</		



Partner in success



Client:



Commercial International Bank CIB

New Capital, Egypt

Category: Architectural Design Development, Design Verification, & Shop Drawings.

Location: New Administrative Capital of Egypt

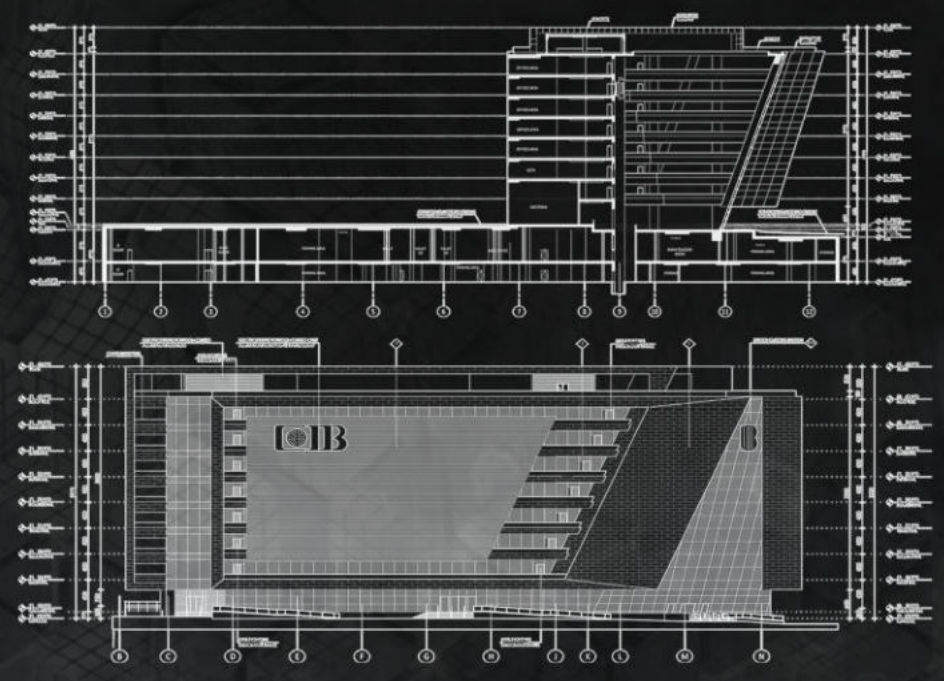
Short Bio: Working on Design Development, Design Verification, Shop Drawings for the main administrative building in New Capital City in Egypt.

Program: Block Work Drawings
Finishes Drawings
Flooring Drawings
Ceiling Drawings
Wet Areas / Pantry Drawings
Elevations Drawings

LEGEND AND ABBREVIATIONS:				DOOR DESIGNATOR KEY	
WALL TYPE				DOOR TYPE → D01-F → FIRE RATED	
W01	200 mm	Hollow	Fire Rating	DOOR SILL	
W02	200 mm	Hollow	1 Hr	WINDOW DESIGNATOR KEY	
W03	100 mm	Solid	→	LINTEL	
W04	200 mm	Solid	→	W02 → WINDOW TYPE	
W05	100 mm	Solid	1 Hr	SILL	
W06	200 mm	Solid	2 Hr	ROOM DESIGNATOR KEY	
W07	200 mm	Solid	1.5 Hr	ROOM NAME	
W08	100 mm	Solid	1 Hr	PRAYER HALL	
W09	200 mm	Solid	→	DO, G03	
W10	100 mm Gypsum Board	→	→	FLOOR	
W11	200 mm Gypsum Board	→	→	ROOM No.	
M.C. = LEVEL				INTERIOR ELEVATION CALLOUT	
F.C.C. = TOP OF CONCRETE				ELEVATION NOT SHOWN	
F.F.L. = FINISH FLOOR LEVEL				ELEVATION SHOWN	
F.A.P.R. = TOP OF PARAPET				SHEET SHOWN	
F.F.L. = FINISH PAVEMENT LEVEL				ARCH DESIGNATOR KEY	
F.S.P. = TOP OF WALL				LINTEL	
F.C.L. = FINISH CEILING LEVEL				ARCH TYPE → AD1	
F.F.L. = WALKWAY LEVEL				FRAME TYPE	
F.R.S. = TOP OF REINFORCED STEEL				HATCH LEGEND:	
F.G.L. = FINISH GRAVEL LEVEL				CONCRETE	
F.D. = FLOOR DRAIN				HOLLOW CMU	
R.D. = ROOF DRAIN				SOLID CMU	
R.F. = RAINFALL DUCT					
R.U. = RAINFALL UNIT					
R.M. TH. = SLAB THICKNESS					
R.S. = ROOF SLOPE					
R.M. MATERIAL					
M = METAL					
W = WOOD					
FIRE RATING					
F1 = 60 MIN					
F2 = 120 MIN					
F3 = 180 MIN					
WALL HEIGHT					
P = PARTIAL WALL					
B = TO BOTTOM OF STRUCTURE					
M.E.P. COORDINATION					
REV. SUB.				Description	
REV. SUB.				Date	
REV. SUB.				Dra	
REV. SUB.				Chk	
REV. SUB.				Apr	
- PROJECT NAME:					
CIB BANK HEADQUARTER					
CLIENT:					
Commercial International Bank-CIB					
URBAN DEVELOPER:					
ADMINISTRATIVE CAPITAL FOR URBAN DEVELOPMENT					
JOINT VENTURE CONSULTANCY: ENGINEERING CONSULTANTS GROUP S.A. www.ecgma.com					
PRODUCED BY: 					
PROJECT CONTRACTOR: 					
DRAWING SCALE		DATE		CHECK	
1:100		19-10-2019			
DRAWING TITLE:					
FOURTH FLOOR PLAN - BLOCK WORK PART 1-4					
DRAWING NUMBER:					
2607 HAC B AAR A03 03 P1 001 R00					

Commercial International Bank CIB

New Capital, Egypt



Partner in success



Client :



Arab African International Bank New Head Quarters Ninety New Cairo, Egypt

The project consists of 2 parts with approximate area 9,000 m² consisting of 10 stories, it's design as two different zones connected with bridges.
Category: Structural Design Development
Design Verification, & Shop Drawings.

Location: Cairo, Egypt.

Program:

Structural: Reinforcement for (foundations, columns, cores and walls, slabs, beams, stairs
Concrete dimensions for (foundations, slabs, beams, columns and stairs.



KEY PLAN

PROJECT
AAIB New Head Quarters
1-NINETY, Nineteen St, New Cairo

CLIENT
Address: Midan Al Baraa Al Shaban, Garden City, Cairo, Egypt
P.O. Box: 20214, New Cairo 11835
Fax: 2 20214118
www.aib.com.eg

PROJECT MANAGER
Website: www.hillinternational.com
1st Floor, 1st Floor, New Cairo, Egypt
Tel: 202020202 Fax: 202020202
www.hillinternational.com

CONSULTANT CONSORTIUM

EHAF
ELECTRICAL & MECHANICAL CONSULTANTS
1st Floor, 1st Floor, New Cairo, Egypt
Tel: 202020202 Fax: 202020202
www.ehaf.com.eg

SHAKER
STRUCTURAL CONSULTANTS
1st Floor, 1st Floor, New Cairo, Egypt
Tel: 202020202 Fax: 202020202
www.shaker.com.eg

INTERNATIONAL CONSULTANT
STRUCTURAL, CIVIL & MECHANICAL
100 BRIDGE STREET, LOWLANDS BLDG,
TANGS (S) 307789
www.som.com

CONTRACTOR JV

HASSAN ALLAM CONSTRUCTION | **HASSAN ALLAM TECHNOLOGIES**

BUILDING NAME
ARAB AFRICAN INTERNATIONAL BANK



Arab African International Bank New Head Quarters Ninety New Cairo, Egypt



Partner in success

HOWEEDY

هويدي للاستشارات الهندسية
Howeedy for Engineering Consulting

Boulevard Mall

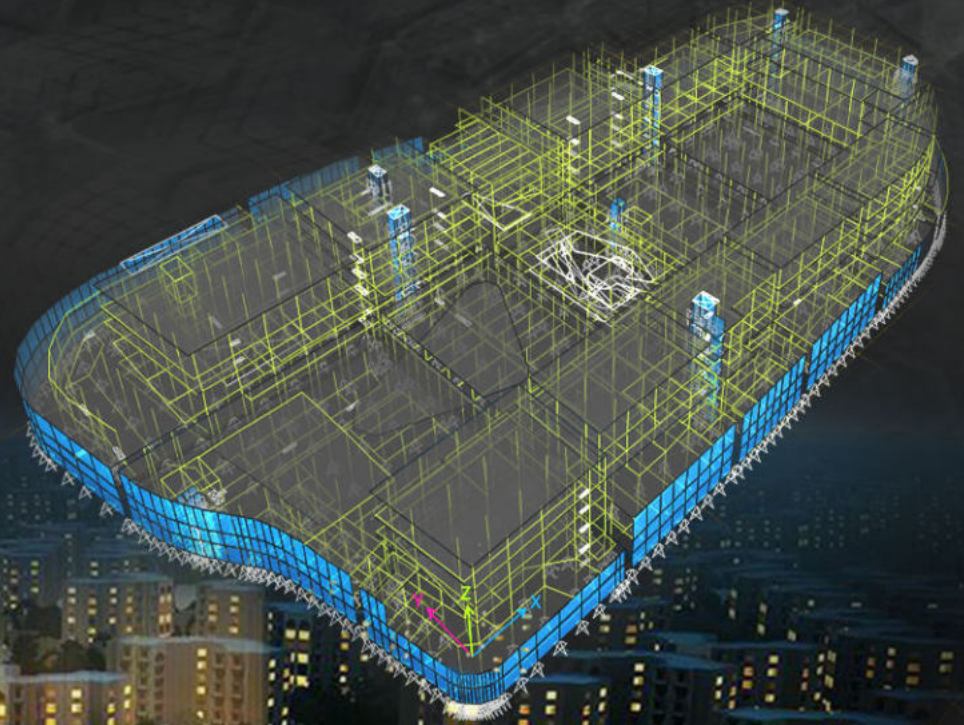
Al Rehab City, Cairo, Egypt

Client : **Awlad Ragab Group.**

Category : Full Structural Schematic Design
and Modeling

Location : Al-Rehab City, Cairo, Egypt.

Total Area : 40000 m², 7 Storey Building.



Partner in success  ARCHISITE
 اللكامل لمواقع البناء

Client  أمانة منطقة الرياض
 RIYADH REGION MUNICIPALITY

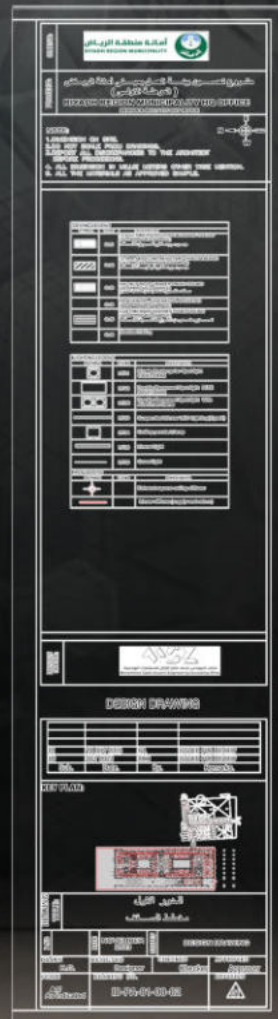
RIYADH REGION MUNICIPALITY

RIYADH , KSA

Category: ARCHITECTURAL AND INTERIOR DESIGN

Location: RIYADH, KSA.

- Program:
- GROUND FLOOR:
 (partition plan-furniture plan-ceiling plan-
 floor plan-dimension plan)
 - FIRST FLOOR:
 (partition plan-furniture plan-ceiling plan-
 floor plan-dimension plan)
 - SECOND FLOOR:
 (partition plan-furniture plan-ceiling plan-
 floor plan-dimension plan)
 - THIRD FLOOR:
 (partition plan-furniture plan-ceiling plan-
 floor plan-dimension plan)
 - FOURTH FLOOR:
 (partition plan-furniture plan-ceiling plan-
 floor plan-dimension plan)
 - FIFTH FLOOR:
 (partition plan-furniture plan-ceiling plan-
 floor plan-dimension plan)



أمانة منطقة الرياض
 Riyadh Region Municipality

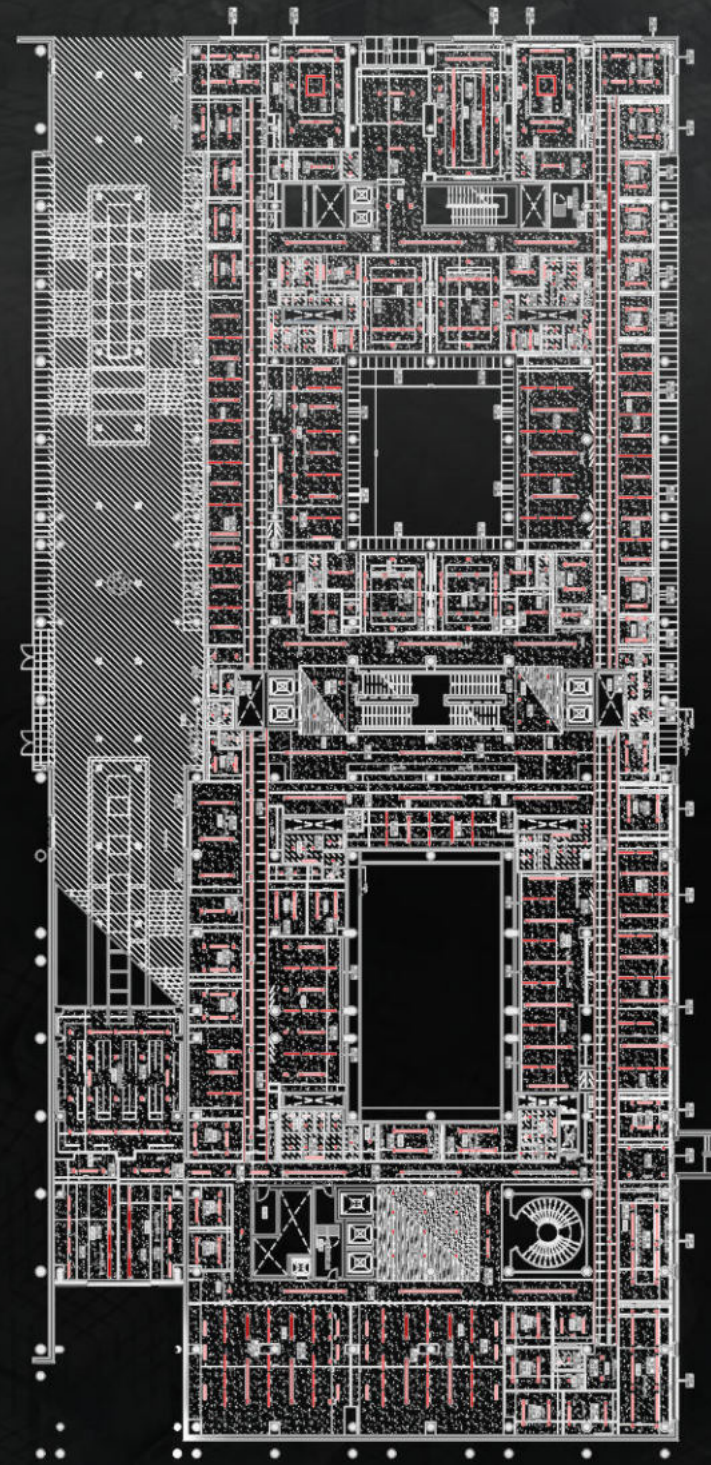
مشروع: مبنى بلدية الرياض
 (Riyadh Region Municipality Building)

تصميم: ARCHISITE
 Date: 2018/04/05

DESIGN DRAWING

NO.	DESCRIPTION	DATE	BY	CHECKED
1	GROUND FLOOR	2018/04/05	ARCHISITE	ARCHISITE
2	FIRST FLOOR	2018/04/05	ARCHISITE	ARCHISITE
3	SECOND FLOOR	2018/04/05	ARCHISITE	ARCHISITE
4	THIRD FLOOR	2018/04/05	ARCHISITE	ARCHISITE
5	FOURTH FLOOR	2018/04/05	ARCHISITE	ARCHISITE
6	FIFTH FLOOR	2018/04/05	ARCHISITE	ARCHISITE

رقم المشروع: 18-04-05-01





Partner in success



ARCHISITE
الكاميل لمواقع البناء

Client

أمانة منطقة الرياض
RIYADH REGION MUNICIPALITY



RIYADH REGION MUNICIPALITY

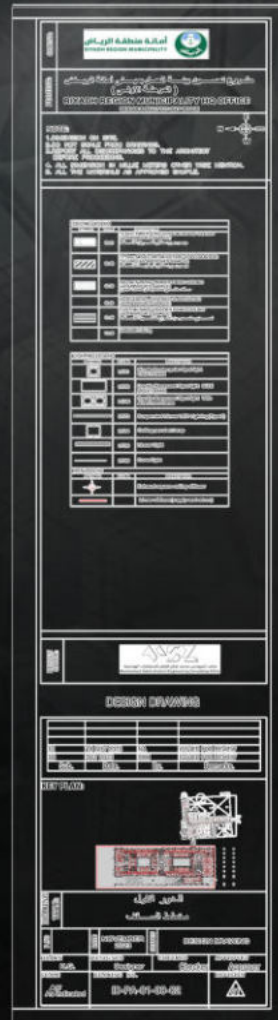
RIYADH , KSA

Category: ARCHITECTURAL AND INTERIOR DESIGN

Location: RIYADH, KSA.

Program:

- GROUND FLOOR:
(partition plan-furniture plan-ceiling plan-floor plan-dimension plan)
- FIRST FLOOR:
(partition plan-furniture plan-ceiling plan-floor plan-dimension plan)
- SECOND FLOOR:
(partition plan-furniture plan-ceiling plan-floor plan-dimension plan)
- THIRD FLOOR:
(partition plan-furniture plan-ceiling plan-floor plan-dimension plan)
- FOURTH FLOOR:
(partition plan-furniture plan-ceiling plan-floor plan-dimension plan)
- FIFTH FLOOR:
(partition plan-furniture plan-ceiling plan-floor plan-dimension plan)



Partner in success



Client:



Transportation hub
&
Walkways
New Capital, Egypt

The mall consists of 7 zones and each zone consists of 5 parts.
The walkways consists of 6 parts with approximate and 4 stories.

Category: Architectural, structural and MEP design development.

Location: New Capital, Egypt.

Program:

Architectural: Design modification, design development and shop drawings.

Structural: Shop drawings reinforcement, concrete dimensions and Revit modelling .

MEP: Design modification, design development and shop drawings.

Total Area of walkways: 13,500 m²

Total Area of Mall: 85,000 m²

ARCHPLAN
ARCHITECTS & PLANNERS

المكتب الهندسي للمعمارة والتخطيط
أ.د. / مهندس إيهاب فائق

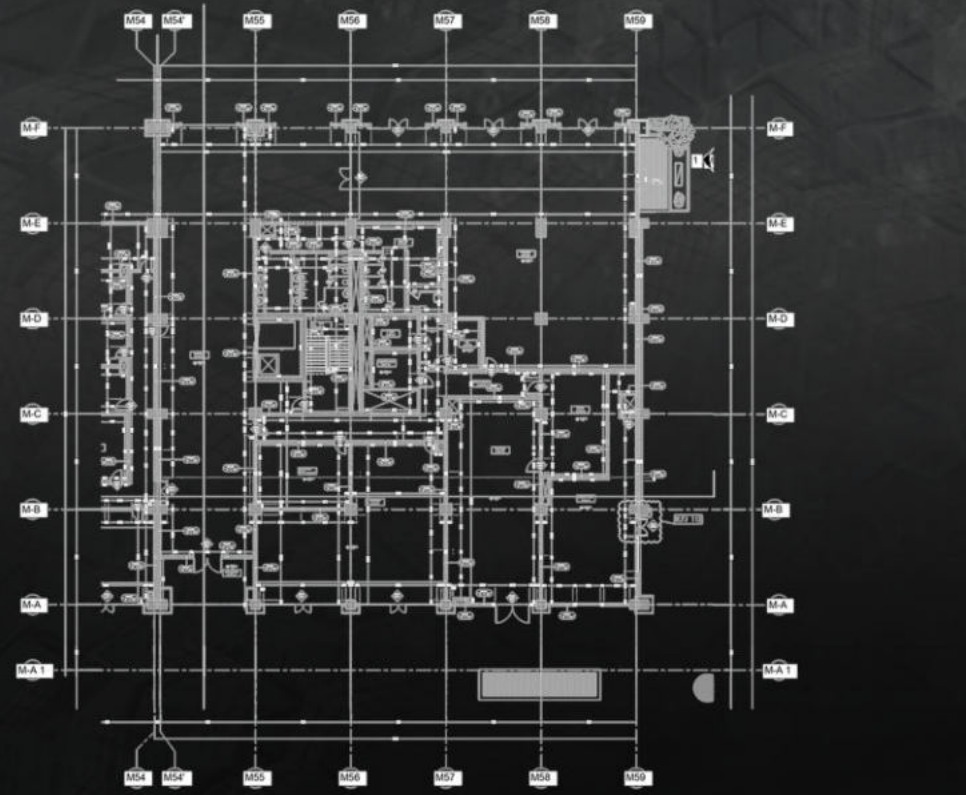
MSA: www.archplan-eg.com
E-Mail: archplan@archplan-eg.com

DESIGNER:

ARCHPLAN
ARCHITECTS & PLANNERS

CONTRACTOR:

HASSAN ALLAM
CONSTRUCTION



Client:



SIX SENSES

KSA

Category: Design & Shopdrawing
Architectural & Structural drawings.

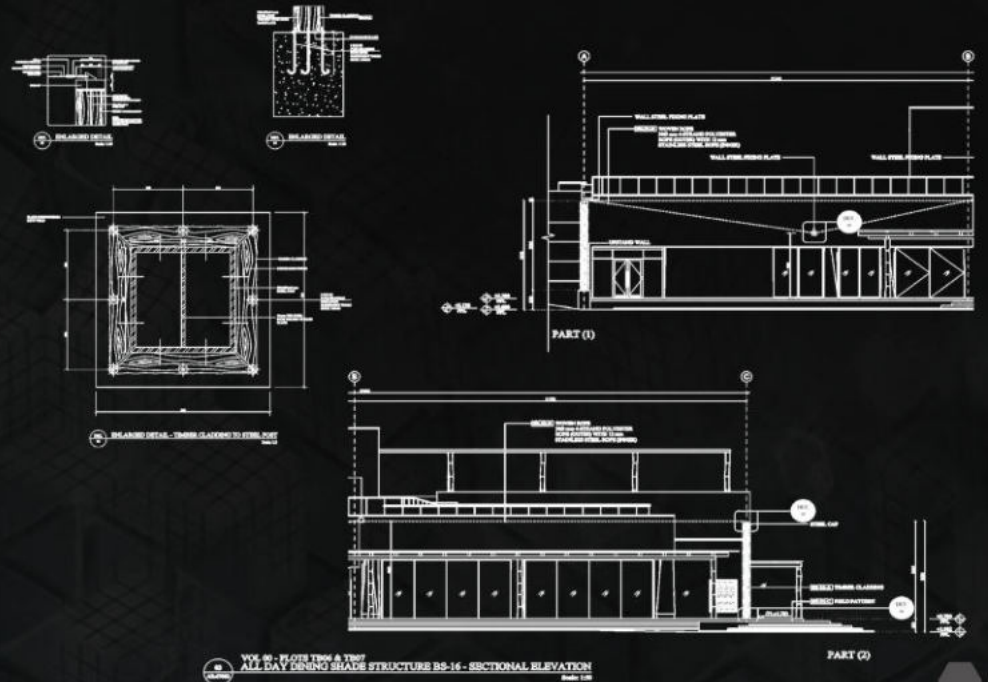
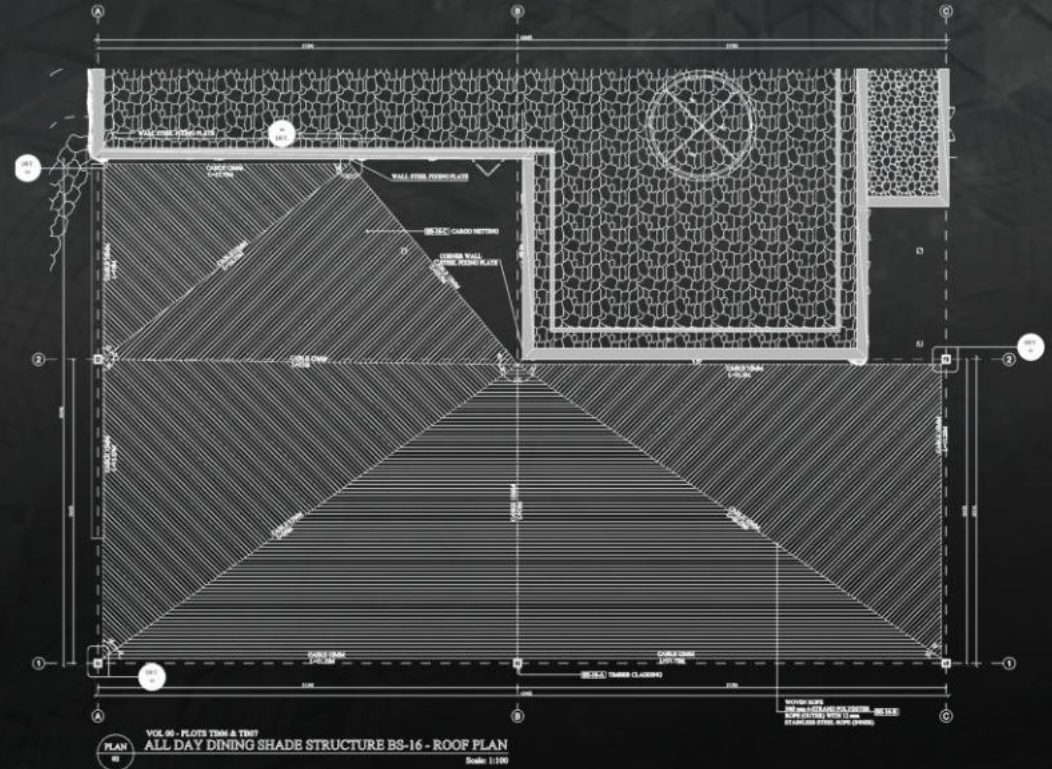
Location: KSA.

Program: Landscape, Hardscape
Design & Shopdrawing

Architectural Shop Drawing (Plans - Wall sections
- Elevations - Details)

Structural Shop Drawing (Plans - Wall sections -
Elevations - Details)

<p>CONSTRUCTION DOCUMENTS</p>		
<p>NOTES:</p> <ol style="list-style-type: none"> 1. Do not make structural modification plans. 2. All drawings shall be in accordance with the specifications. 3. All drawings shall be checked and approved by the client. 4. The Contractor shall be liable for any discrepancy with the work. 5. Any items indicated on the sheet are approximate and subject to change. 		
<p>AMAALA SIX SENSES</p>		
<p>Building Name: ALL ZONES</p>		
<p>Building Number: 08</p>		
<p>Plot Number: T9-06.5.10-07</p>		
<p>Structure Wall Condition:</p>		
<p>Drawing Title:</p>		
<p>ALL DAY DINING - SHADE STRUCTURE SHADE ENLARGED DETAILS SHEET 02 OF 05</p>		
<p>Scale (in Meters): GENERAL: 1/2000, 1/500, 1/200, 1/100, 1/50, 1/25, 1/10, 1/5, 1/2, 1/1</p>		
<p>Drawn By: REV</p>	<p>Checked By: NEW</p>	<p>Approved By: S.A.</p>
<p>Author</p>	<p>Checker</p>	<p>Approver</p>
<p>Project No.</p>	<p>Issue Date</p>	<p>Scale</p>
<p>0200017</p>	<p>28-02-2024</p>	<p>As Indicated</p>
<p>Drawing Number</p>	<p>Revision</p>	<p>CS</p>
<p>1700017-0170017-0006-08-22-0000-000-75001</p>		







INDUSTRIAL PROJECTS



www.edgeseng.com

 [instagram social media](#)

 [facebook social media](#)

Tel. / Fax: 002 02 25658414

Address: Gardenia Mall, 5th Settlement, New Cairo, Egypt

info@edgescons.com

Partner in success

Client :

**NC1
OPERATIONS HUB
- GOLF FACILITY**
Neom, Saudi Arabia

The project consists of 3 buildings with approximate land area 44,000 m². The project site is located in the northern part of the NC1 Community expansion. The project site will house approximately 74 golf carts.

Category: Architectural, structural and MEP design

Location: Riyadh, Saudi Arabia

Program: Architectural: Full design including drawings and BOQ

Structural: Full design (system, beams, slabs,...) including drawings and BOQ

MEP: Full design including drawings and BOQ

Total Area: 44,000 m²

NORTH DIRECTION :



ARCHER	19/03/22	Schematic Design	REEM EZZAT	MARCO GORGIS	ARMED ALAA
REVISION	DATE	REVISION OF DETAILS	DRAW	HASC	APPR.

MAIN CONTRACTOR



PROJECT **NEOM COMMUNITY-1
GOLF CART FACILITY**

CLIENT



NEOM

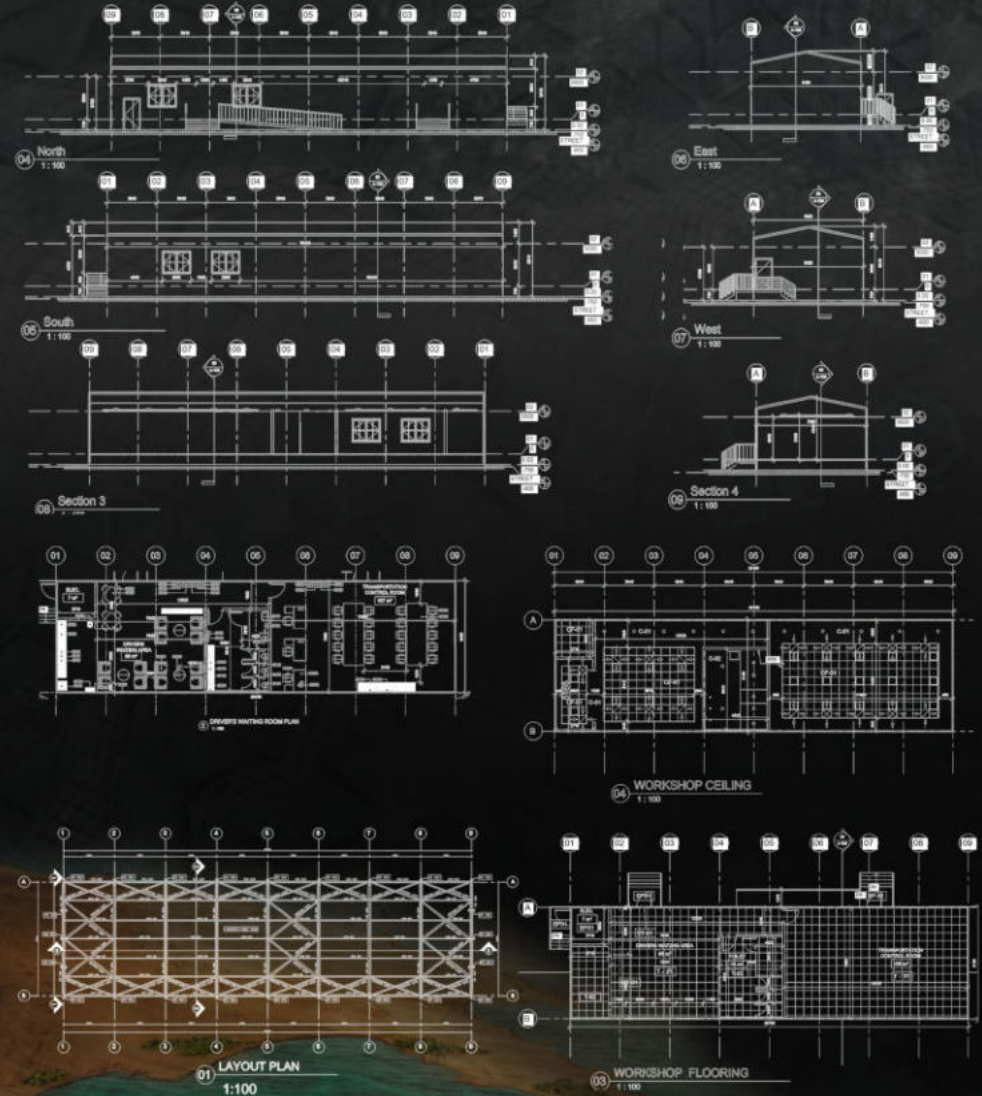
LOCATION **KINGDOM OF SAUDI ARABIA**

DRAWING TITLE	ARCHITECTURE DRAWINGS	SCALE	1: 50
DESIGN STAGE	SCHEMATIC DESIGN DRAWINGS	REV.	00

CONSULTANT



EDGES
Consulting & Engineering services



Partner in success



Client



Ministry of Housing and
Communal Services of the
Republic of Uzbekistan

Namangan WWTP - 100,000 m³/day Uzbekistan

Uzbekistan

Category: Structural Design

Location: Uzbekistan.

Program: Structural Design & Detailing

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. FINISH LEVELS ARE IN METERS.
3. GRADE POINT INDICATED BY THE SYMBOLS.
4. ALL PUMP FOUNDATIONS UNDER HOLD.

KEY PLAN



LEGEND

BL - BOTTOM LEVEL
 FFL - FINISHED FLOOR LEVEL
 FOL - TOP OF LOAM FLOOR
 SFL - STREET LEVEL
 WCL - WORK CREST LEVEL
 WML - WORKING WATER LEVEL
 OWWL - OVER FLOW WATER LEVEL

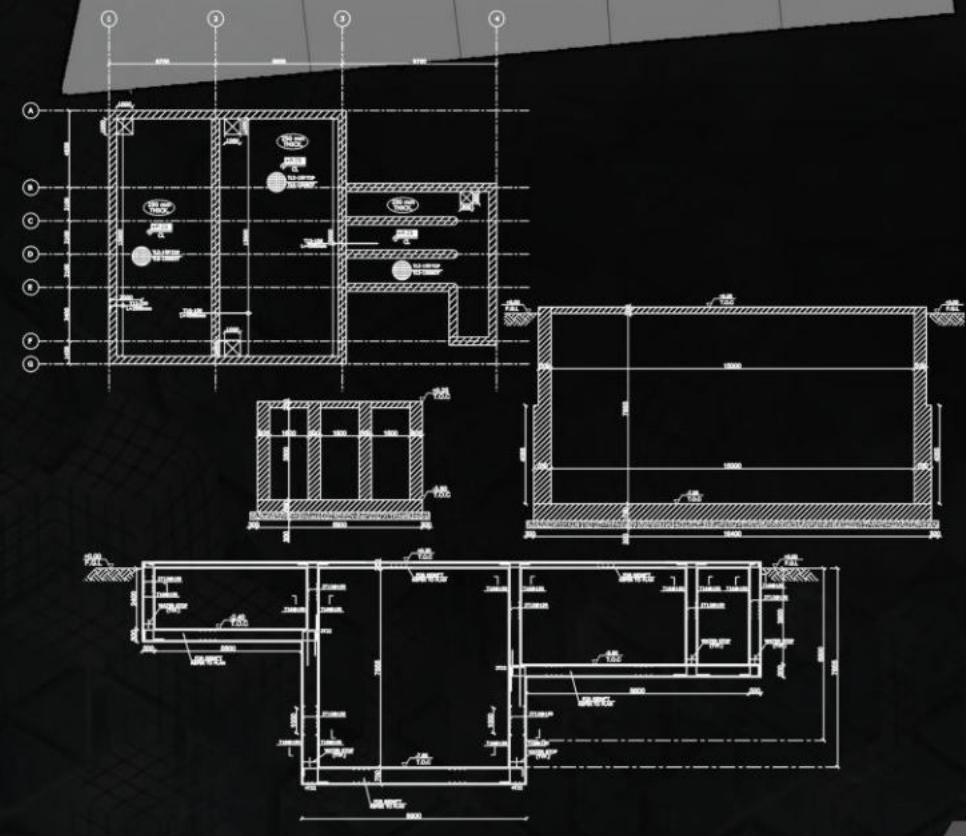
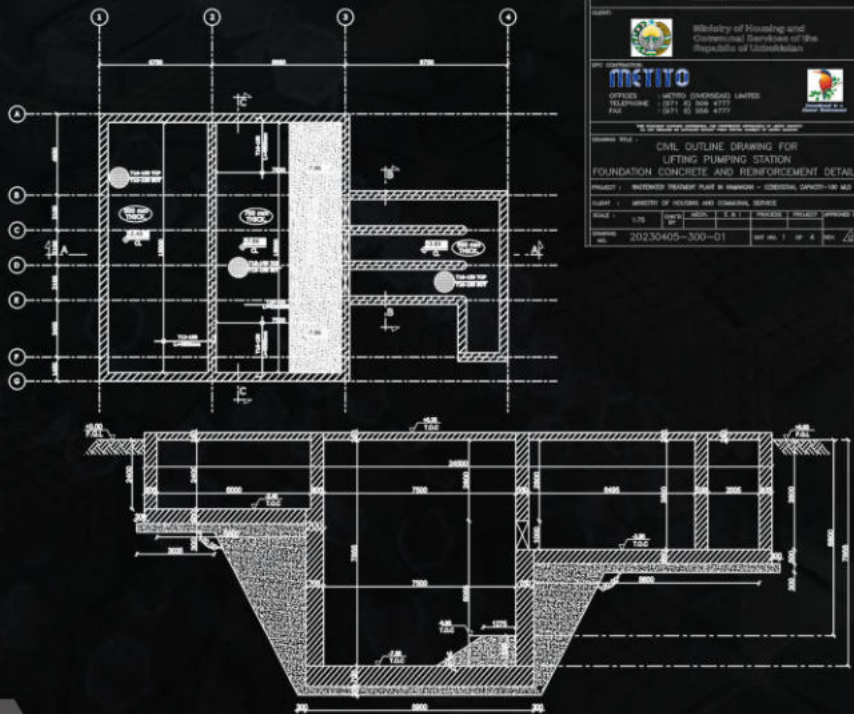
DATE	DESCRIPTION	BY	CHK
2023.04.05	ISSUED FOR APPROVAL	EDGES	EDGES
DATE	DESCRIPTION	BY	CHK
2023.04.05	APPROVED	EDGES	EDGES

EDGES
 structural & professional services
 website: www.edges.com.uz
 tel: +998 90 858 4771

MERITO
 MERITO OVERSEAS LIMITED
 TELEPHONE: +851 20 558 4772
 FAX: +851 80 558 4771

**CIVIL OUTLINE DRAWING FOR
LIFTING PUMPING STATION
FOUNDATION CONCRETE AND REINFORCEMENT DETAILS**

PROJECT: WASTEWATER TREATMENT PLANT IN NAMANGAN - OPERATIONAL CAPACITY: 100 MLD
 CLIENT: MINISTRY OF HOUSING AND COMMUNAL SERVICE
 SCALE: 1:25 (PLAN) 1:5 (SECTION) 1:5 (DETAIL) 1:5 (ELEVATION) PROJECT APPROVED BY
 DRAWING NO: 20230405-300-01 SHEET NO. 1 OF 4



Partner in success



Kharafi National, Egypt

**Switching Station 1
(Electrical Station)**

Cairo, Egypt

Client:

El-Mostakbal for Urban Development

EDGES processed a total of over 700 Structural and Architectural Design Development, Design Verification, & Shop Drawings for different Buildings and Zones inside the Project.

Category: Structural and Architectural Design Development, Design Verification, & Shop Drawings
Location: Mostakbal City, Egypt.

Program: Complete Architectural design Development, Design Verification & Shop Drawings & Complete Structural Design Development, Design Verification, & Shop Drawings.

Total Sheets: Over 350 Structural sheets.
 Over 350 Architectural sheets.

- Applications:**
- 1- GIS
 - 2- Switch Gear
 - 3- Fire Fighting
 - 4- Control
 - 5- Boundary Fence

PROJECT
Mostakbal City
 220 / 22 Kv GIS & 220kV
 SWITCHING STATION 1

EMPLOYER / DEVELOPER
 El-Mostakbal For Urban Development
 Zahra El El-Masabi Tower, Level: G2, 66, Korish El-Nile, El-Masabi, Cairo
 Tel.: 01 1 1-373-0000 T 252641 18 / 120 Fax : 252841 15

PROJECT PM
MOHARRAM BAKHOUM

SUPERVISION CONSULTANT
SHAKER
 CONSULTANCY GROUP

REVISION	BLOCK	WORKS DETAILS	ISSUE

CONTRACTOR: CONSORTIUM (KN / HHI)

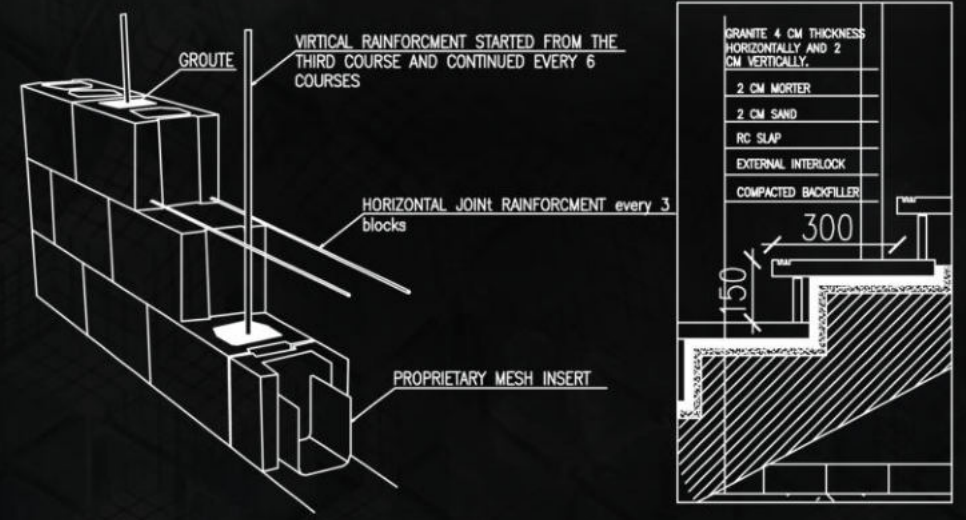
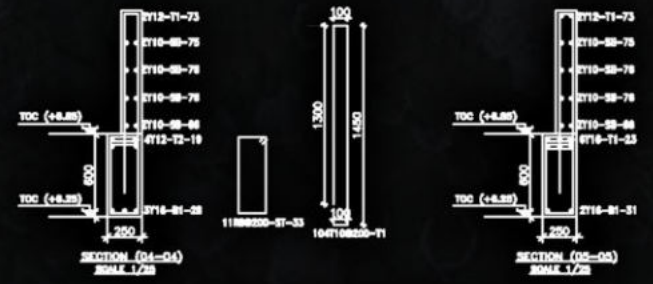
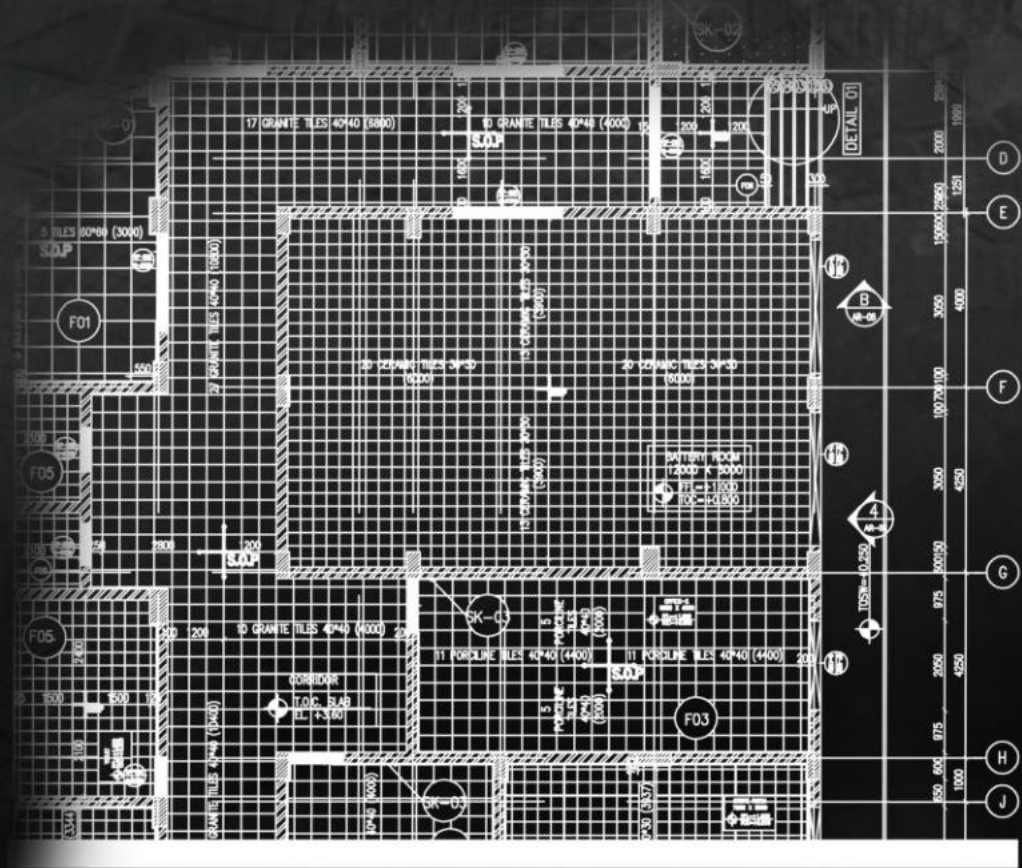
KHARAFI NATIONAL
 For Infrastructure Projects
 Developments - Construction and Service S.A.E
 400 EL HANSA STAD ST. BORD EL KHAYMA, GIZA

HYUNDAI ELECTRIC
 1000, Bangeojinsinhawn-doro, Dong-gu, Ulsan, Korea

AND
posco
 DAEWOO
 POSCO DAWWO CORPORATION (PDC)

CONTRACTOR CONSULTANT
B.c.g.
 Bahrawy
 Consultancy Group

Sub contractor:
ALBARQ FOR CONTRACTING
 ADDRESS: 56 Ahmed Fahmy St., Cairo, Egypt
 TEL: +302 23548183 FAX: +302 23547034
 E-mail: info@albarq-eg.com.com




**22 KV SWGR ROOM
 ROOF SLAB BEAMS RFT DETAILS**




RESIDENTIAL PROJECTS



www.edgeseng.com

 [instagram social media](#)

 [facebook social media](#)

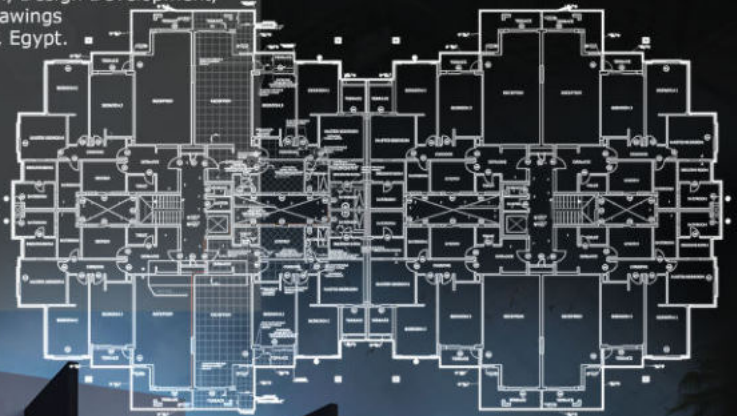
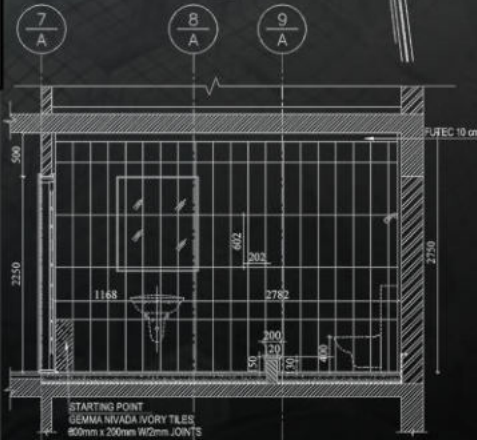
Tel. / Fax: 002 02 25658414

Address: Gardenia Mall, 5th Settlement, New Cairo, Egypt

info@edgescons.com



KEY PLAN



Partner in success



Client:



**BUSINESS DISTRICT
Cairo, Egypt**

Hyde Park has made its home across 6 million square metres in the heart of vibrant New Cairo. Hyde Park is the only villa development set amidst the largest private landscaped park in Egypt. Hyde Park is offering different types of villas, town, twin houses & luxury apartments.

Category: Architectural & Structural Design Verification, Design Development, & Shop Drawings

Location: New Cairo, Egypt.

Partner in success



Client:



**BUSINESS DISTRICT
Cairo, Egypt**

Business District enjoys a most premium locale that is convenient, practical and calming. Nestled within Hyde Park New Cairo's renowned park with its vast landscapes and lush greenery, the Business District is in immediate proximity of numerous recreational and commercial facilities.

Category: Structural Design Verification, Design Development, & Shop Drawings.

Location: New Cairo, Egypt.

Program: Reinforcement Detailing Concrete Dimensions Drawings





Partner in success

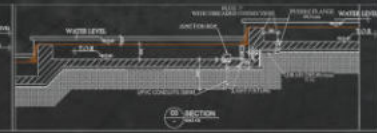
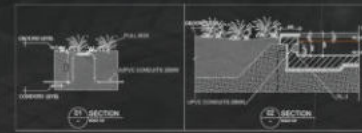
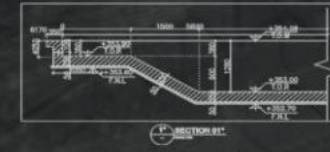
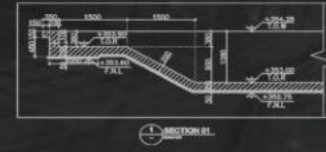
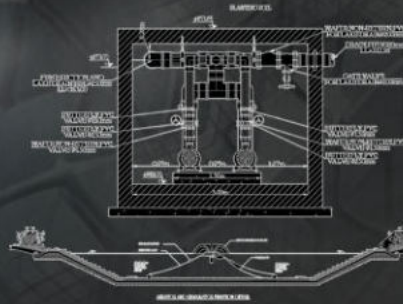


DORRA GROUP
Mivida Lake
District
1 & 2
New Cairo, Egypt

Client:



Category: Architectural, Structural & MEP; Design Verification, Design Development & Shop Drawings.
Location: New Cairo, Egypt.





Partner in success



Mivida Mixed-use Boulevard Cairo, Egypt

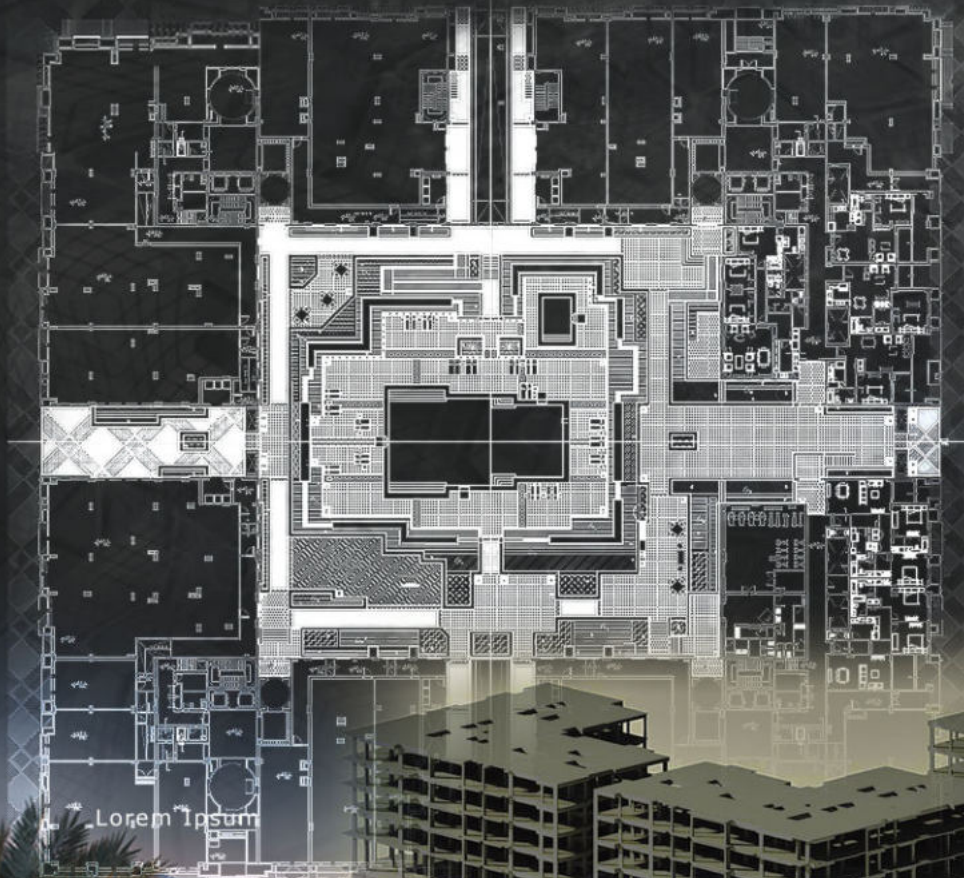
Client:



The project consists of six parcels, 36, 37, 38, 39, 40 and 41, each parcel consists of approximately 10,000 m2 podium, 4 residential buildings; consisting of 5 stories, each storey's area is about 1,850 m2. The approximate built up area of one parcel is 47,000 m2.

- Category:** Architectural and Structural Designs
Tendering and BOQ
- Location:** Cairo, Egypt.
- Program:** Design Verification of all mentioned Buildings.
Structural and Architectural QS for all Parcels
Currently; redesign of all Parcels

Total Area: 10,000 m2



Lorem Ipsum

Revit Model



Partner in success



DORRA GROUP
Hassan Dorra CRC
R03, Mivida
New Cairo, Egypt

Client

Ministry of Defence
Ministry of Housing & Development

Scope: Boundary Fences
Category: Structural Design, Design Development, Design Verification, & Shop Drawings

Total Sheets: 500

Rev	Date	Description
00	08-06-2019	Issued For Approval
REFERENCE DRAWING		
DRAWING	REV. DRAWING	REV. DRAWING
DOCUMENT REVIEW STATUS		
A	REVIEWED/PROCESSED	
B	REVIEWED WITH COMMENTS/REMARKS	
C	REVIEWED WITH COMMENTS/REMARKS FOR REVIEW	
D	NOT APPROVED/REJECTED	
DATE	BY	

RESPONSIBILITIES:
1. ALL DIMENSIONS ARE IN MM.
2. DESIGN ALL ON A BEARING CAPACITY OF SOIL AT FOUNDATION LEVEL AT R 15.00 SM.
3. CONTRACTOR SHOULD CONFIRM WITH GEOTECHNICAL REPORT BEFORE STARTING CONSTRUCTION.
4. ALL ISOLATED FOOTINGS ARE CENTERED WITH IT'S COLUMNS.
5. ALL COLUMN TYPES AT THIS DRAWING ARE TYPE C UNLESS MENTIONED OTHERWISE.
6. ALL BEAR LEVELS AS PER THE DETAILED SECTION UNLESS MENTIONED OTHERWISE.



اسم المشروع
الراصة الادارية
Cairo Capital
المركز الاداري الجديد للتمال و الاعمال

المالك: وزارة الاسكان والمرافق العمرانية
وزارة التخطيط
الهيئة العامة للغارات العمرانية

الاستشاري الام
5+ UOC
1160/15 AL-MOHSEEN WAKED 5040 ST.
SHERKAT BLDG. CAIRO 10214
TEL: +962 20811047 5 / 4 / 7 / 9

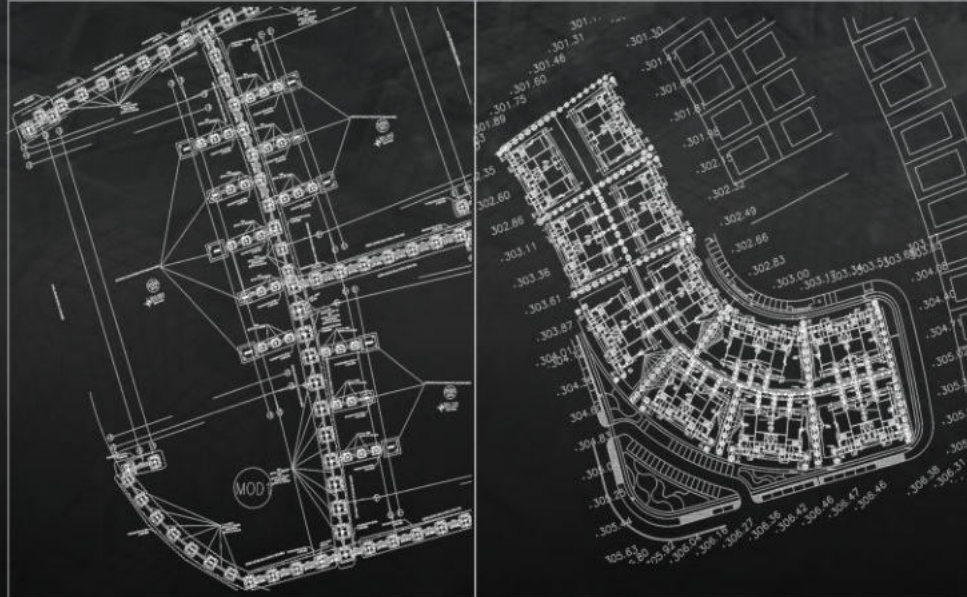
الاستشاري الانشائي
OKOPLAN
1160/15 AL-MOHSEEN WAKED 5040 ST.
SHERKAT BLDG. CAIRO 10214
TEL: +962 20811047 5 / 4 / 7 / 9

استشاري تساق المواقع
5+ UOC
1160/15 AL-MOHSEEN WAKED 5040 ST.
SHERKAT BLDG. CAIRO 10214
TEL: +962 20811047 5 / 4 / 7 / 9

المقاول العام
شركة الهندسة والعمارة والتشييد
General Contractor

Scale:	1:50 & 1:25	Current Issue Signatures
Original:	A0	By: Author A.A.
Date:	08-06-2019	Reviewed: Hossam ELbehairy
© Copyright reserved		

الاسوار
اسم المبنى: منطقة 4 - جوار 3 - النور بين وحدات (2016) مشترك مع قطعة 1.1 و 1.2
اسم الفوحة: الأساسات - الابعاد الخرسانية
رقم الفوحة:





Partner in success



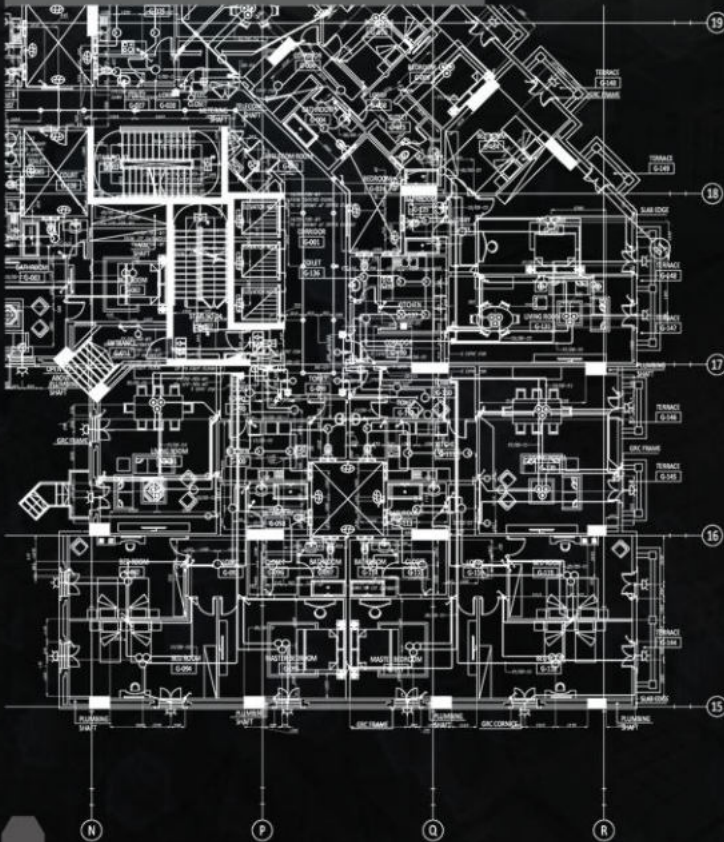
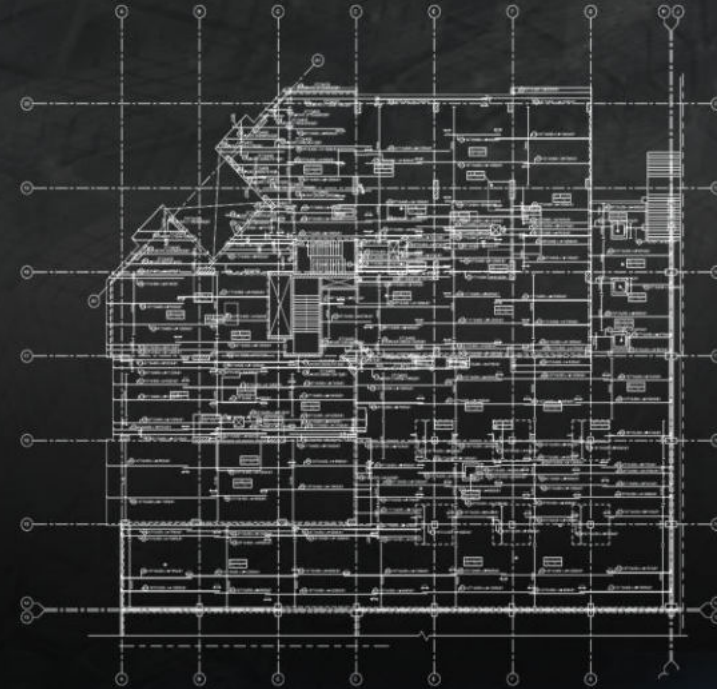
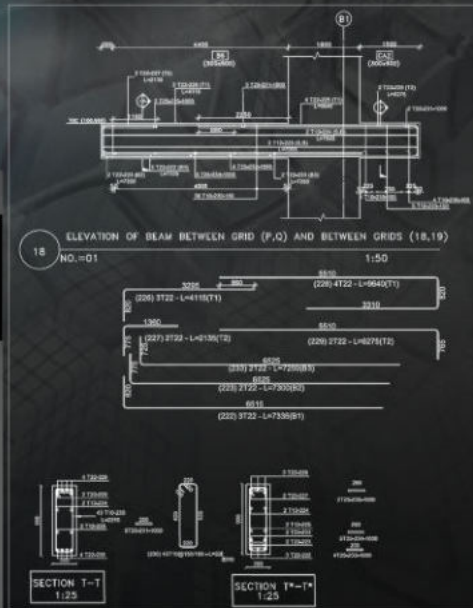
R 05, New Capital New Capital, Egypt

Client : The Egyptian Ministry of Housing

Category : Structural and Electrical Design Development, Design Verification, & Shop Drawings.

Location : New Capital, Egypt.

Total Area: 112.000 m²



REVISIONS	NO.	DESCRIPTION	DATE	BY	CHECKED

وزارة الإسكان والمرافق والمجتمعات العمرانية
 Ministry Of Housing, Utilities & Urban Communities

هيئة المجتمعات العمرانية الجديدة
 New Urban Communities Authority

ECG
 ENGINEERING CONSULTANTS GROUP S.A.
 www.edgesa.com

HASSAN ALLAM
 CONSTRUCTION

مشروع السكن R05
 العاصمة الإدارية الجديدة
 ZONE 06

(SHOP DRAWING)
 Ground Floor Layout Part 1
 Bottom Reinforcement Details -> Direction

DATE: 08/11/2018	DRAWN BY: H.A.	CHECKED BY: H.A.
PROJECT NO: 06-01-01-01-01-01	SCALE: 1:50	NO. OF SHEETS: 01



Partner in success



MZ Club House

El-Alamein, Egypt

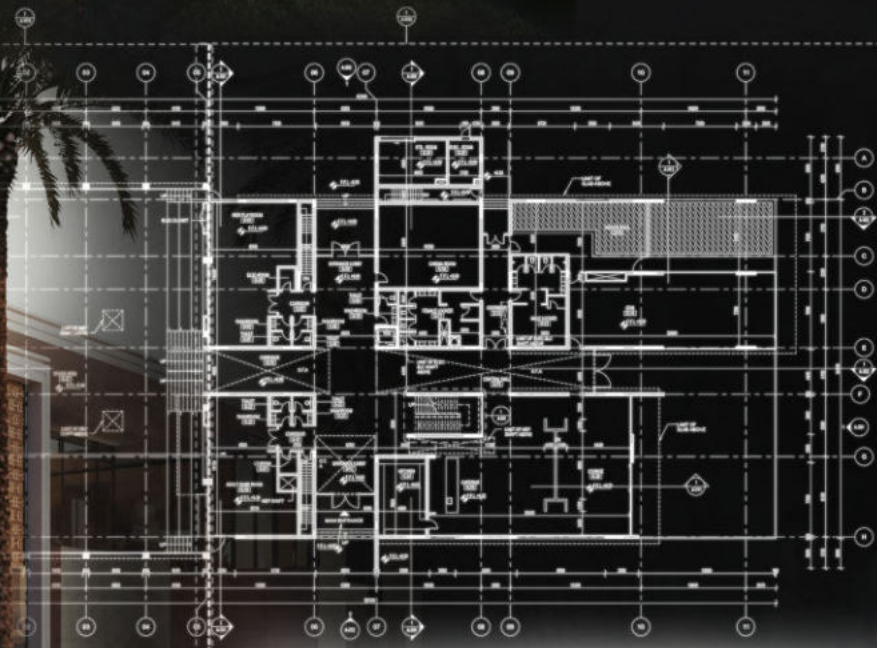
Client : Private Client

Category: Architectural Design Development.

Location: North, Coast Egypt.

Short Bio: Working on specific details for the Club House of a unique palace in North Coast.

Program: Arch BIM modeling lod400

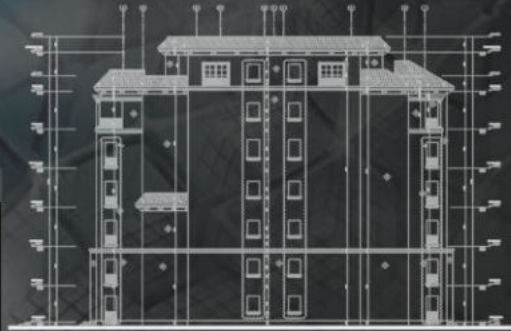


Client :



90 AVENUE
New Cairo, Egypt

Scope: Architectural Design Development,
Design Verification, & Shop Drawings.
i.e. Plans and Sectional Elevations



Badraig Compound (Main Villa)

Jeddah, Saudi Arabia

Client: Private Owner

The villa design reflects the simplicity of modern design and powerful massing which defines with consideration for creating the outdoor areas.

Mini Compound, composed of 3 villas; 1 main villa and 2 side villas.

Category: Full Design: Architectural, Structural, MEP and Tendering

Location: Jeddah, Saudi Arabia.

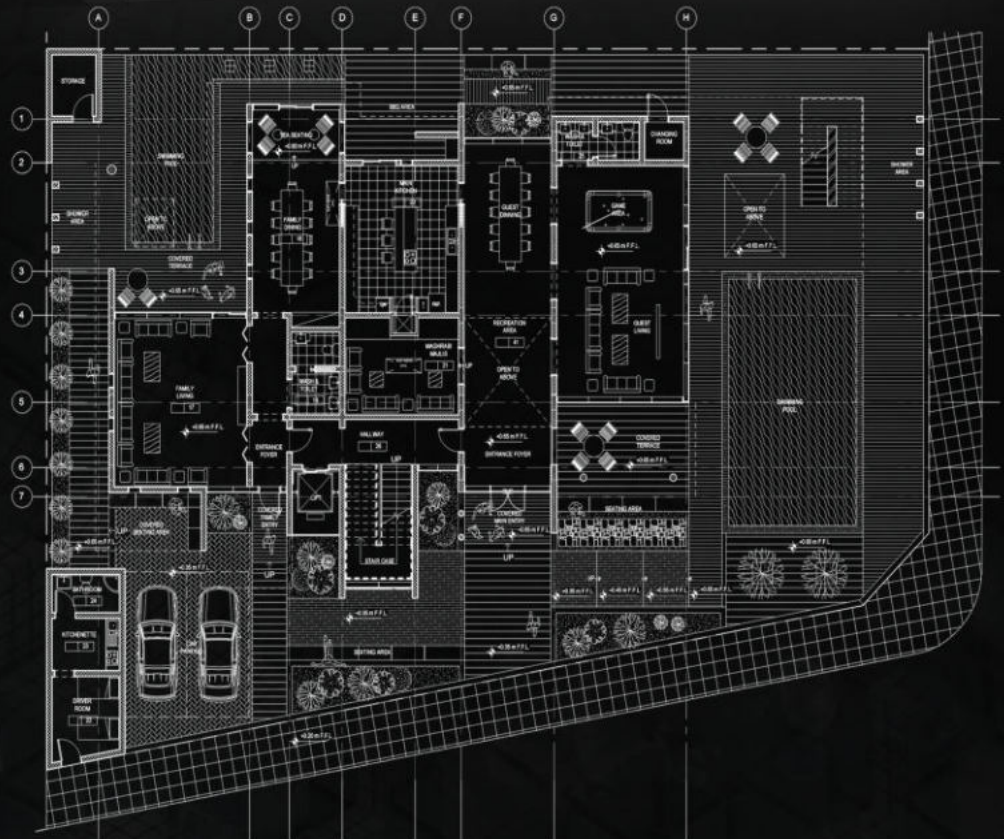
Total Area: 1100 m2

4 Bedrooms

3 Living Rooms

2 Dining Rooms

Outdoor Areas





Partner in success



Client



Uptown Cairo
Cairo, Egypt

Landscape design development as well as Structural , Architectural & MEP Design Verification, Design Development, & Shop Drawings of phase 01 & phase 02 with approximate area 88,000 m2.

Category: Architectural , Structural and MEP Design Verification, Design Development, & Shop Drawings

Location: Cairo, Egypt.

Program: Hardcape design development
Softscape design development
Swimming Pools Design Verification, Design Development, & Shop Drawings
Gates & Fences Design Verification, Design Development, & Shop Drawings
Retaining Walls Design Verification, Design Development, & Shop Drawings
Irrigation Design Verification, Design Development, & Shop Drawings

Total Area: 88,000 m2

Project

UPTOWN CAIRO

UP TOWN CAIRO
AL-MOKATTAM - CAIRO
ARAB REPUBLIC OF EGYPT
UP TOWN CAIRO MASTER PLAN

KEY PLAN **Z3 PROJECT**

TRUE NORTH

Owner / Developer :

EMAAR
MISR

Project Manager :

mace

International Design Consultant :

EDSA
1000 B STREET, SUITE 110
PORT LAUDERDALE, FLORIDA 33054 USA
TEL: 954.346.1000
WWW.EDSA.COM
LOS ANGELES CAIRO

Sub-International Design Consultant :

S
One Beach Street, Suite 201
San Francisco, CA 94103
T: 415.574-2000
F: 415.574-2003
LA ARCHITECTS
A Gulfshore Corporation

Local Master Planner & Landscape Consultant :

SITES INTERNATIONAL
Architects Landscape Architects Urban Design
Environmental Planning Engineering Construction Management

Architecture / M.E.P / Structure / Infrastructure Consultant :

rmc raefat miller consulting
architects & engineers
2 Basha Street 26, Third Floor, Cairo, Egypt Tel: 002 2000 7000
2000, Egypt Tel: 002 2000 7000
Fax: 002 2000 7000

MAIN-CONTRACTOR :

DMC
SINCE 1969
CONSTRUCTION & COMMERCE



Partner in success



Bashar A. Al-Salem

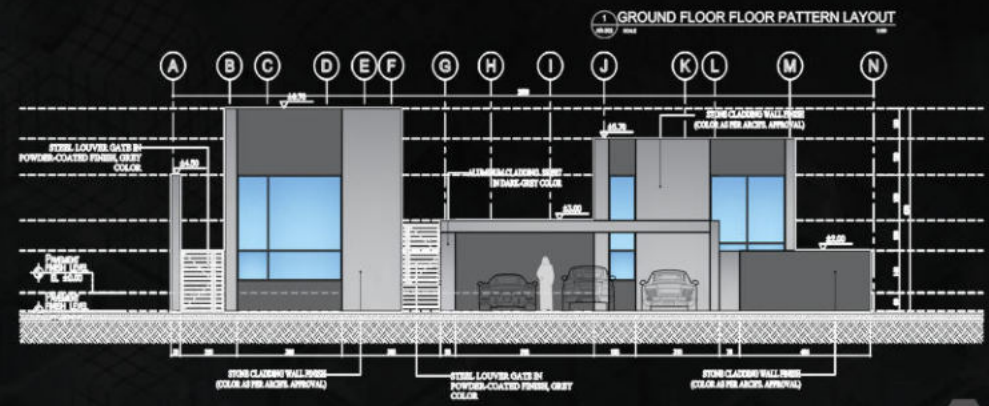
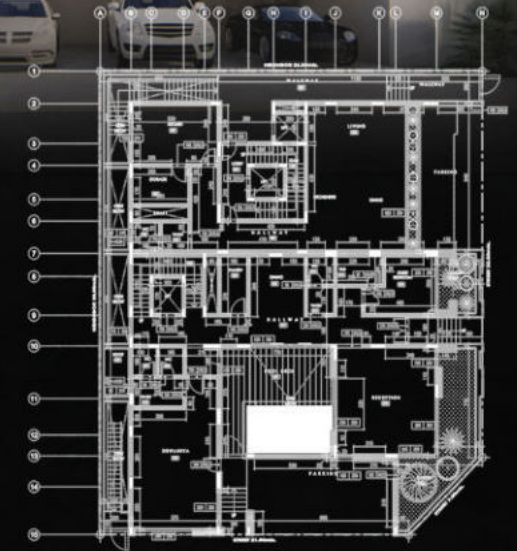
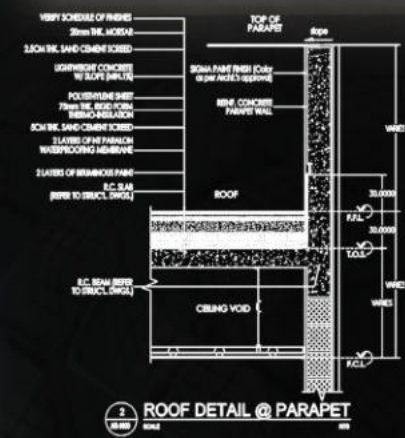
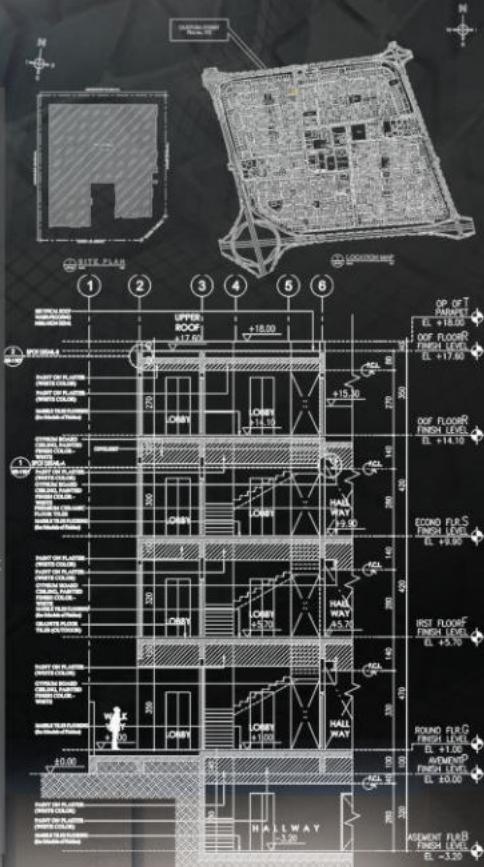
Client: **Villa Ali Al-Zemami**
QURTUBA, KUWAIT

Category: Architectural Design Development,
Structure and MEP design.

Location: Kuwait, Qurtuba

Program: Floor plans
Blockworks Layout
Elevations & Sections
Reflected ceiling plans
Floor pattern Skirting Wall finish layout
Doors & windows schedule
Staircase details
swimming pool
Typical Details
Wall Sections
Boundary wall details
Schedule of finishes
Power and low voltage

Total Area: 775.00 m2



Partner in success



Villa B33
New Cairo, Cairo, Egypt

Client: Private Client

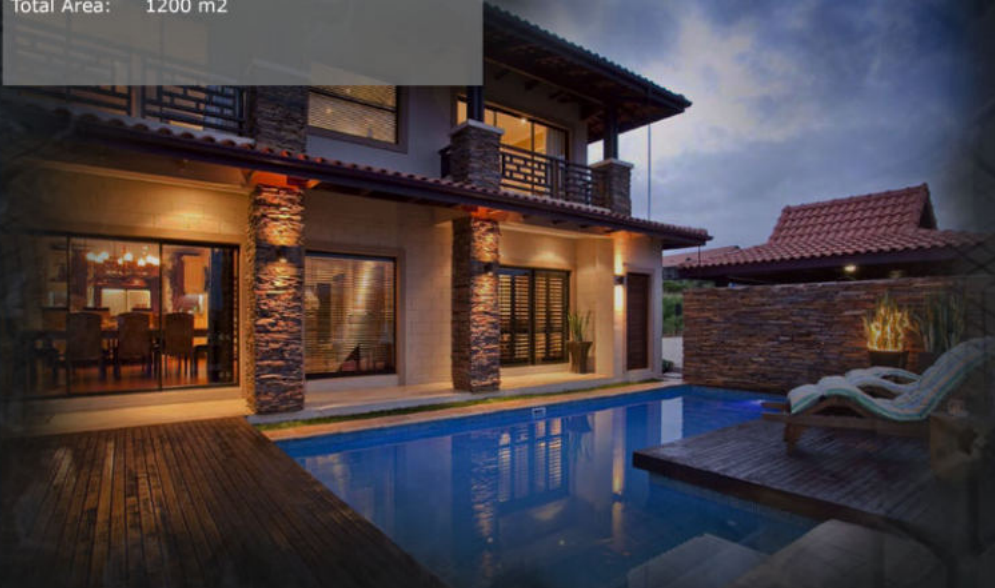
Villa B33 was designed with a post-modern design, inspired by classic lines. The elements of the interior design have special colors and patterns that reflect elegance by giving a calm sensation in the presence of rich colors. The villa contains a ground floor, a typical floor, and a roof area.

Category: 2D Interior Drawings
3D Interior Shots

Location: Cairo, Egypt.

Program: Reception, Master Bedroom,
Kids' Rooms, Living Room,
External Landscape

Total Area: 1200 m²





UTILITIES PROJECTS



Partner in success



Sphinx International Airport Cairo, Egypt

This project consists of 8 buildings that have different functions with approximate land area 32,000 m2.


Category: Architectural design development
Location: Cairo-Alexandria road, Egypt.
Program: Design development
Total Area: 32,000 m2

PROJECT TITLE:
Sphinx International Airport

CLIENT:
EGYPTIAN CIVIL AVIATION AUTHORITY

ARCH. CONSULTANT:
 808 EL MOLTAKA EL ARABY DISTRICT, MASARA SHERATON, HELIOPOLIS, CAIRO, EGYPT.
 TEL: (02) 2287780 | 2044318
 FAX: (02) 2287782 P-CODE: 11381

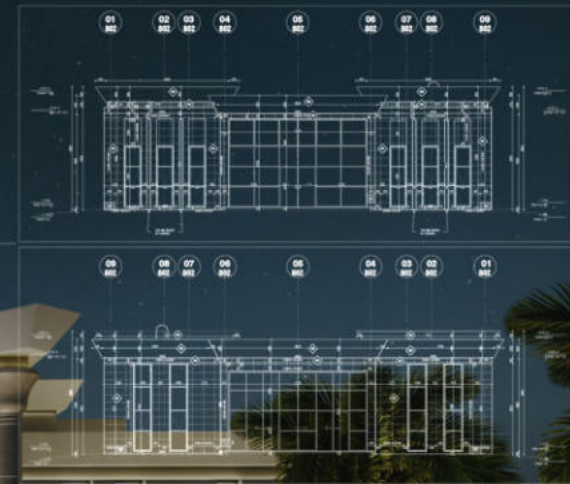
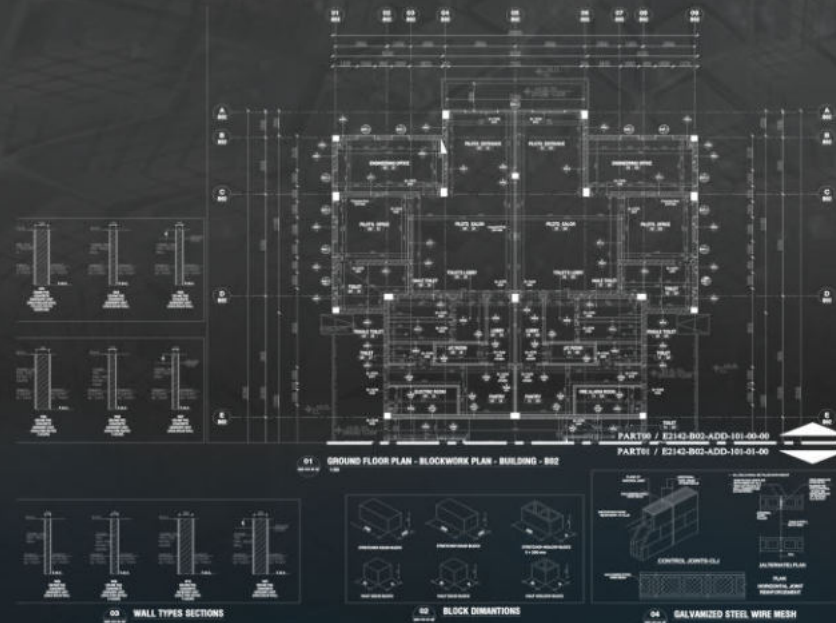
 DESIGNERS, ENGINEERS & CONSULTANTS

ST. & ELE. - MECH. CONSULTANT:
 808 EL MOLTAKA EL ARABY DISTRICT, MASARA SHERATON, HELIOPOLIS, CAIRO, EGYPT.
 TEL: (02) 2287780 | 2044318
 FAX: (02) 2287782 P-CODE: 11381

 Engineers & Consultants

MAIN CONTRACTOR:

MAGNA
 ENGINEERING & CONSTRUCTION

GENERAL NOTES
 - FOR GENERAL NOTES, LEGEND, SYMBOLS, AND ABBREVIATIONS, REFER TO SHEET NO. ADD-003
 - U.G.M. ALL DETAILS SHOWN ARE FOR DESIGN
 - WORK ONLY CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.
 - DO NOT SCALE FROM DRAWINGS, DIMENSIONS GIVEN SHALL GOVERN.
 - FOR MISCELLANEOUS DETAILS REFER TO ADD-004-004-006



Partner in success



Owner:



Greater Cairo Metro Line 4
New Capital, Egypt

Category: Architectural Shop drawing design .
Location: New Cairo, Egypt.
Program: Architectural Shop Drawing
(Block works - Wall sections -
Fire plans)

OWNER:
NATIONAL AUTHORITY FOR TUNNELS
Japan International Cooperation Agency

DESIGNER:
VOCI
ENGINEERING CONSULTANTS' CONTRACTORS ARCHITECTS


CONTRACTOR:
HASSAN ALLAM CONSTRUCTION
METROJET
LONCORD

CONTRACTOR CONSULTANTS:
HASSAN ALLAM CONSTRUCTION
METROJET
LONCORD

GREATER CAIRO METRO LINE 4 PHASE 01 - NEW CAPITAL

SCALE	TITLE	REV.
1/50	EL NABE STATION (NO.03) MASONRY WORK WALL ELEVATIONS CONCOURSE LEVEL	A
DRAWING NUMBER	0-001-000-048-01-0106	

REV. PLAN:



REV.	DATE	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY





Partner in success





Client:




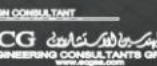
HIGH SPEED RAIL STATION
AL-ALAMAIN, Egypt


Category: Architectural Shop drawing design .
Location: AL-ALAMAIN, Egypt.
Program: Architectural Shop Drawing (Plans - Wall sections - Elevation


PROJECT NAME
HIGH SPEED RAIL STATION

CLIENT
Ministry of Transportation

 National Authority for Tunnels


GENERAL CONSULTANT


DESIGN CONSULTANT

 ECG
 ENGINEERING CONSULTANTS GROUP S.A.
 www.ecg.com

MAIN CONTRACTOR

 HASSAN ALLAM
 CONSTRUCTION

SUB CONTRACTOR

 EDGES
 Consulting & Engineering services

LEGEND

WALL TYPE	WALL TYPE	WALL TYPE	WALL TYPE
10-01	10-02	10-03	10-04
10-05	10-06	10-07	10-08

NOTES

- All dimensions are in meters unless otherwise specified.
- Refer to the structural drawings for all structural details.
- Refer to the mechanical drawings for all mechanical details.
- Refer to the electrical drawings for all electrical details.
- Refer to the plumbing drawings for all plumbing details.
- Refer to the fire protection drawings for all fire protection details.
- Refer to the landscape drawings for all landscape details.
- Refer to the site plan for all site plan details.
- Refer to the general notes for all general notes.

General Floor KEY PLAN

NO.	DATE	DESCRIPTION	BY
1	10-2011	ISSUED FOR PERMIT	EDGES

SCALE **DRAWING SIZE** A1

DRAWN BY HASSAN ALLAM **DATE** 10-2011

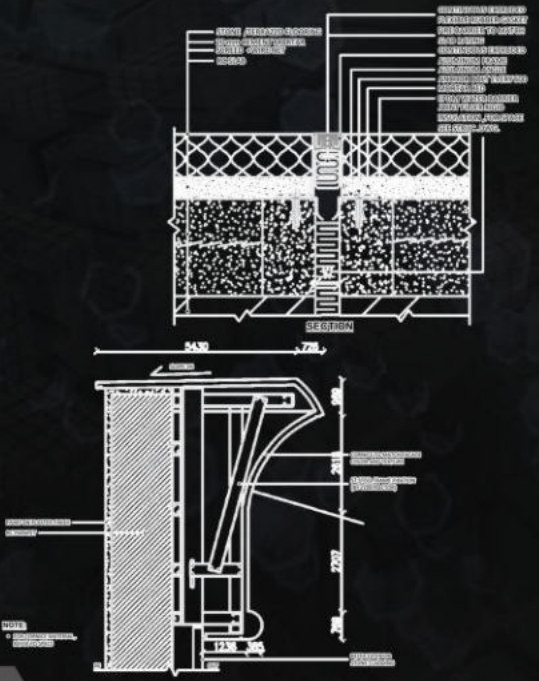
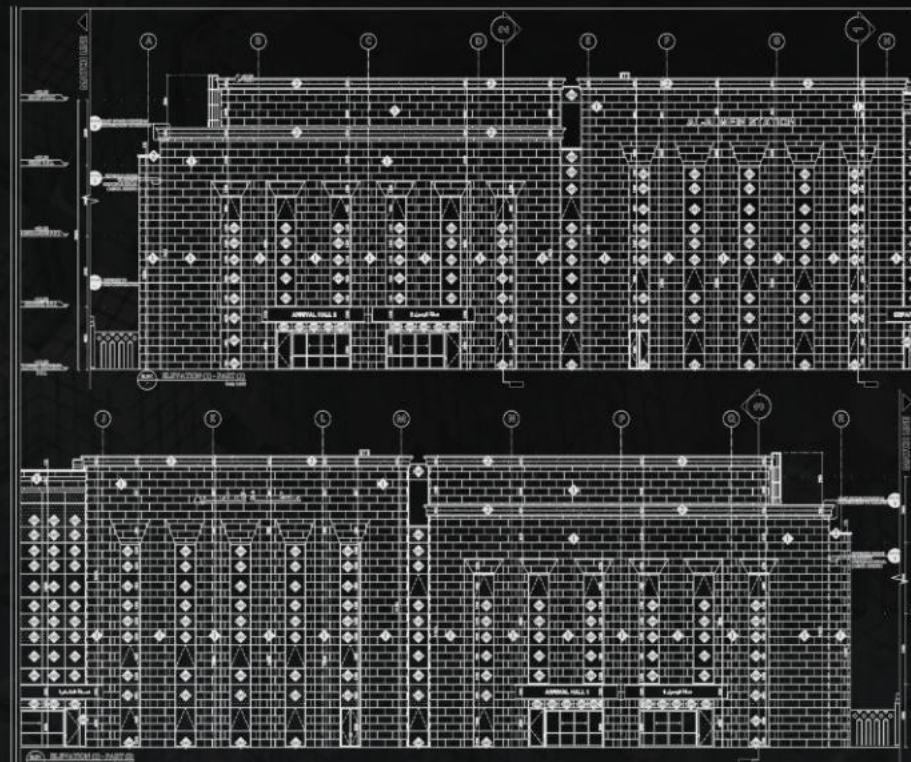
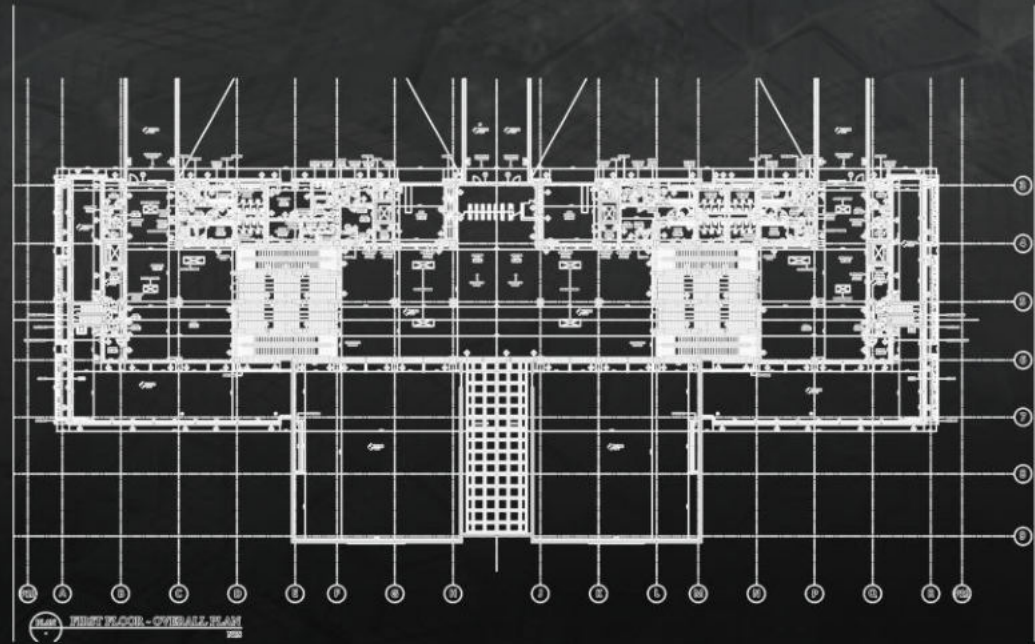
CHECKED BY TAREK HASSAN **DATE** 10-2011

APPROVED BY HASSAN ALLAM **DATE** 10-2011

DRAWING TITLE
GENERAL PLAN FOR BLOCK WORK FOR
FIRST FLOOR OVERALL PLAN
FLOOR LEVEL = +27.6

DRAWING # HAD-ALA-01-ARCH-01-011 **REV** 01

DATE 10-2011



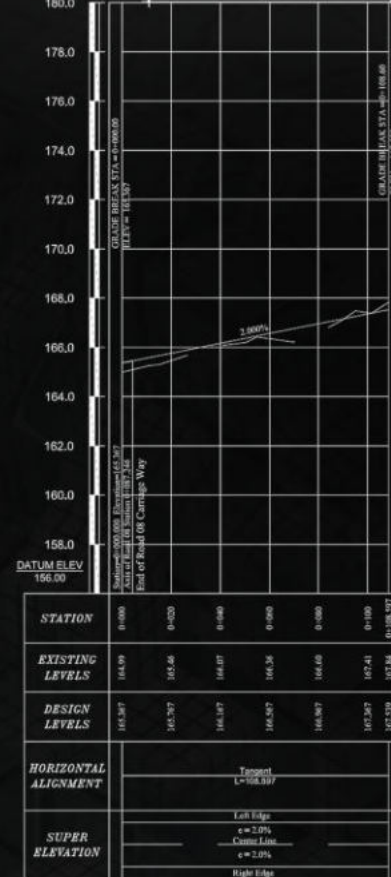
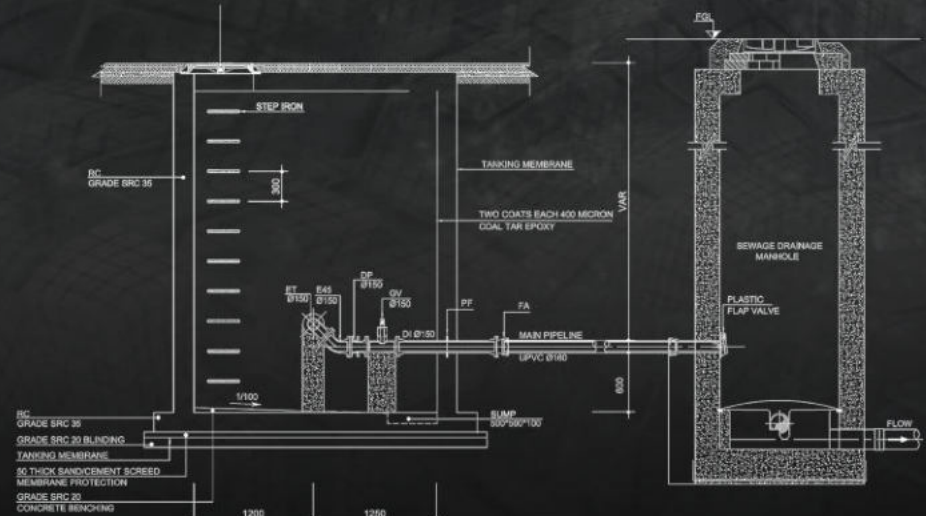
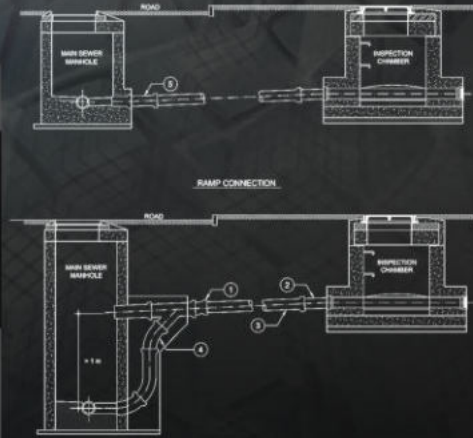
Client:



The Egyptian Ministry of Housing

**Loloah
October Housing**
6 of October City, Egypt

Category: Urban, Roads and External MEP Design
Location: 6th of October, Egypt.
Total Area: 200.000 Feddan




المخطط العام

SECTION

اسم المشروع	1	التاريخ	11 أغسطس 2017
اسم المصمم	الدكتور / هيثم محمد عبد اللطيف	اسم المهندس	11 / 2017

استشاري المرافق: **EDGES** Consulting & Engineering Services

المخطط العام لشبكة الطرق

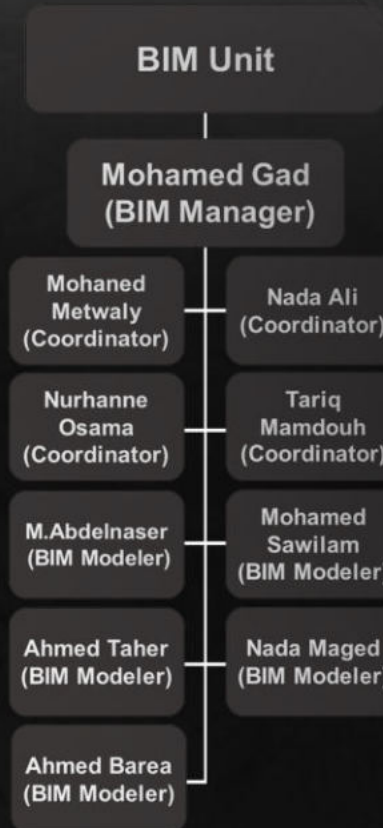
اسم الورقة	مقياس الرسم	1/1250
التاريخ	اسم المصمم	اسم المهندس
رقم المشروع	رقم الورقة	(RD-01)

الهيئة العامة لحماويات البناء والسكان

Profile of Road 09

BIM PROJECTS

We are actively implementing the ISO 19650 standard to stay up-to-date with BIM technology. Our commitment to adopting this international standard demonstrates our dedication to efficient project management and collaboration. By adhering to ISO 19650, we are able to streamline our processes, enhance data management, and improve overall project outcomes. Our proficiency in BIM is evident through our successful utilization of this standard, allowing us to deliver high-quality projects with greater accuracy and efficiency





Partner in success



Client



WASTE WATER PUMPING STATION

Saudi Arabia , KSA

Category: BIM LOD 300

Structure, Architecture & Tendering Drawing

Location: KSA.

Program: Waste water treatment plant
 Waste water lift station 11,12
 Waste water lift station 1,2,4,6,7,9
 Irrigation Distribution Pumping station
 TSE Transfer pumping station (TTPS)
 PWDPS NORTH
 PWDPS SOUTH

Client:

Project Name / Logo: **القديية Qiddiya**
 DETAILED MASTER PLAN ENGINEERING & INFRASTRUCTURE DESIGN FOR UPTOWN (SOUTH) DISTRICT

Key Plans:

Room	Planning	Structure	Architect	Special Req.
Plant Room				
Electrical Room				
Control Room				
Water Treatment				
Water Pump				
Water Storage				
Water Distribution				
Water Treatment				
Water Pump				
Water Storage				
Water Distribution				

Quantity	Unit	Remarks
1	Lot	Lot 11, 12
1	Lot	Lot 1, 2, 4, 6, 7, 9
1	Lot	Lot 11, 12
1	Lot	Lot 1, 2, 4, 6, 7, 9
1	Lot	Lot 11, 12
1	Lot	Lot 1, 2, 4, 6, 7, 9

TRAFFIC SIGNS

Rev.	Iss.	Description	Date	Checked

Consultant / Lead Designer: **JACOBS**

Contractor: **EDGES**

Drawing Title: **SITE LAYOUT**

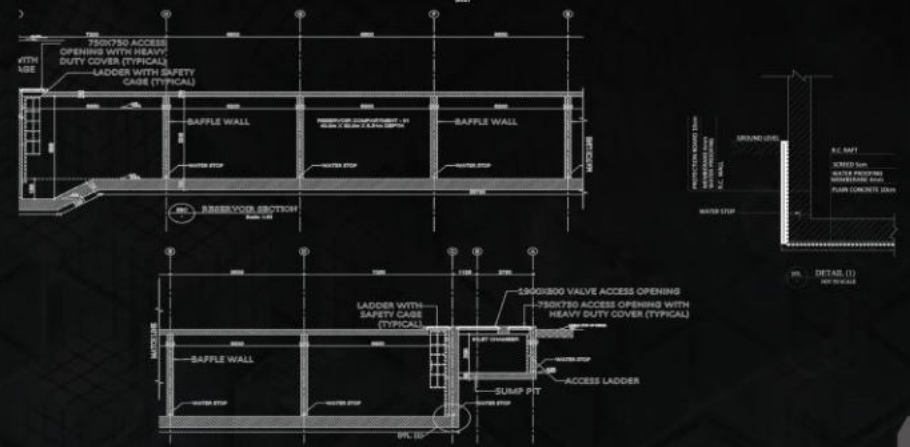
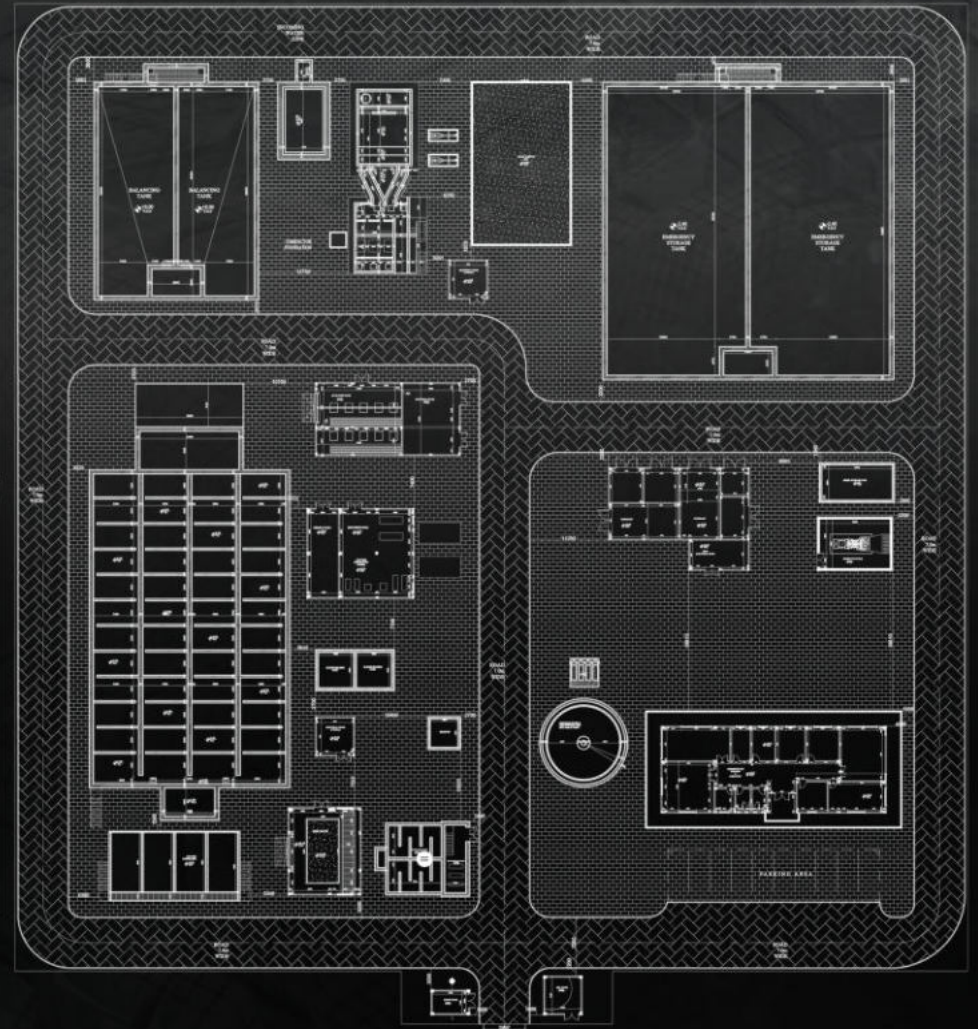
Reference File: N/A

Author: N/A

Checked By:

Drawing Number: Scale: NTS

Project	Disc.	Disc. Type	Disc. Type	Disc. Type	Disc. Type	Disc. Type
UFD	JCB	DRW	ARC			



Partner in success



Client



Solano Mall
New Capital, Egypt

Solano mall project consists of 1 building it's floors area about 900 m² and consists of 10 stories.

Category: Architectural , Structural and MEP Design Verification, Design Development, & Shop Drawings
Location: New Capital, Egypt.

Program: Architectural: Design modification, design development and shop drawings

Structural: Shop drawings reinforcement, concrete dimensions and Revit modelling

MEP: Design modification, design development and shop drawings

Total Area: 2,000 m²

Project:



SOLANO-MIXED USE BUILDING
ADMINISTRATIVE CAPITAL PLOT
(MU1-13)

Client:



Main Consultant:



ID Consultant:



M.E.P. Consultant:



Main Contractor:



Main Contractor Consultant:





Partner in success



Allam Wood Division Factory Cairo, Egypt

The project consists of 1 existing building and got divided through our design into 2 parts. (administrative and industrial) consisting of 5 stories, each storey's area is about 2,500 m² located in 6th october city.

Category: Architectural, Structural and MEP full design.

Location: Cairo, Egypt.

Program:

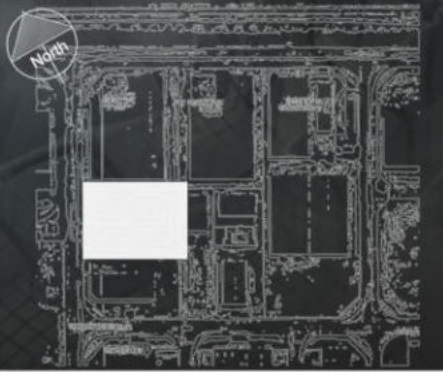
Architectural : Creating moodboards and full designing.

Structural: Solving problems occurred from existing columns.

MEP: Full design all of it's elements

Total Area: 4,000 m²

KEY PLAN



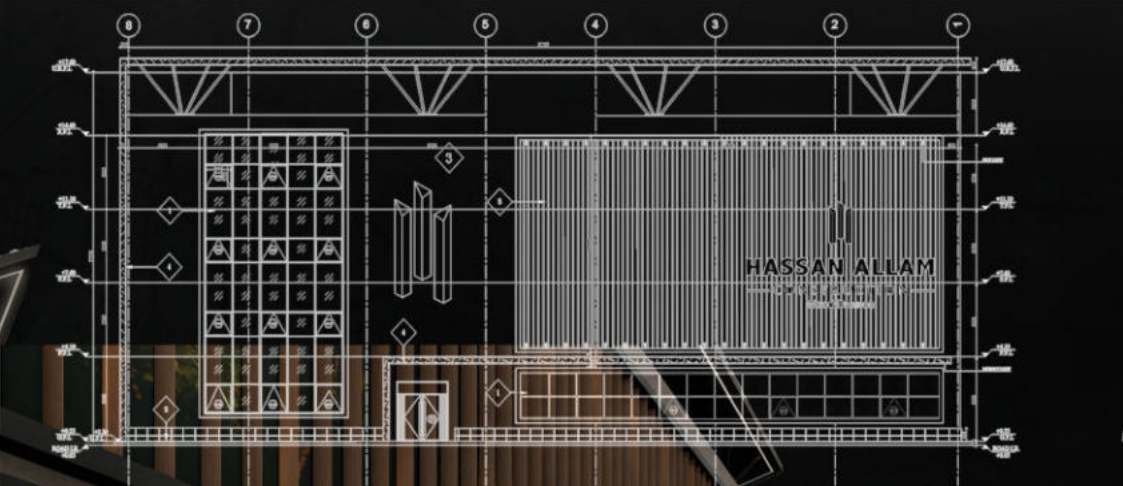
No.	Date	Description
REV.	27/04/2022	FIRST SUBMISSION

OWNER:

PROJECT:
Allam Wood Division Factory

CONSULTANT :

PROJECT CONTRACTOR :





Partner in success



HASSAN ALLAM
PROPERTIES

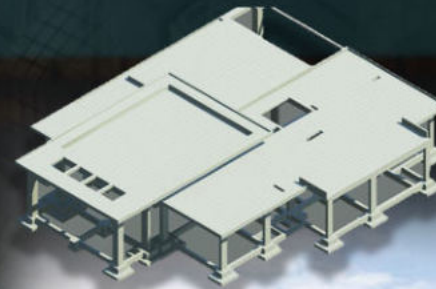
Swan Lake Projects El Gouna, Egypt

Total Area: 100000 m2

Buildings : Building Type 01 , Type 03 , Type 06
& Type 08
Club House
Sewage Lift Station
Distributor Building

Category : Full Design

Program : Architectural, Structural, & MEP
Processed by 3D Revit



Partner in success



HASSAN ALLAM
PROPERTIES

Swan Lake Projects NorthCoast, Egypt

Category: Structural design & design
development

Total Area: 200000 m2 or 50 feddan

Buildings : Villa Type A,B,C,D

Villa Type Twin , Premier Chalet ,

Standard Chalet

Club House

Swimming pools

Gate

Cabanas A,B,C,D,E&F

Main Distributor Building



Partner in success

DORRA | GROUP



Client :



CAIRO ,GATE RESIDENCE
EGYPT, CAIRO

Scope : PK#19

Category: BIM PROJECT LOD 400 ,
MEP

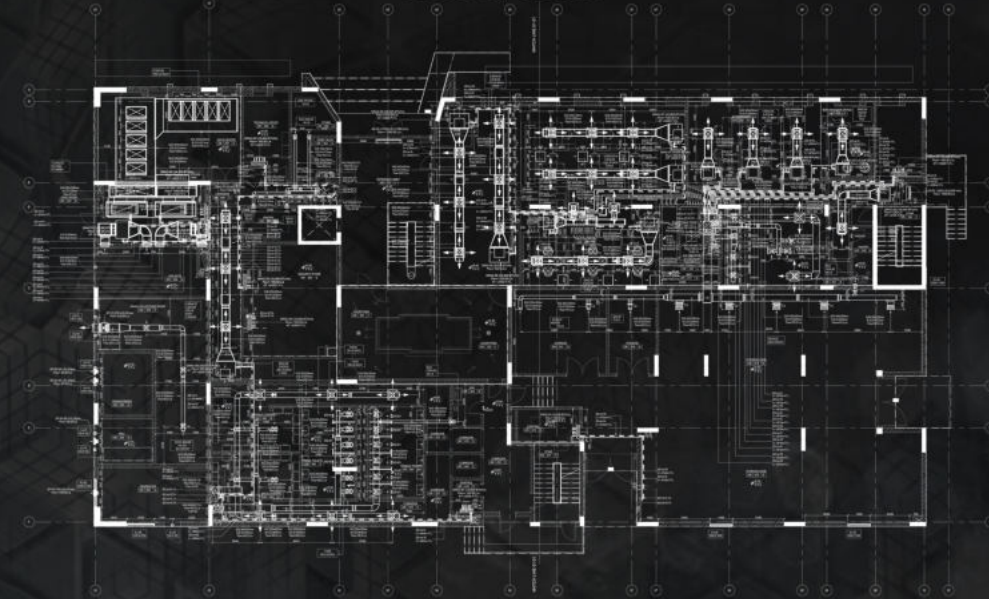
Location: AL-SHEIKH ZAYED -6TH OF October

Program: Customer care building includes 3
floor buildings & guard house

Plan	Date	Description
A	2023/05/01	MEP SERVICES - GROUND FLOOR
A	2023/05/01	MEP SERVICES - GROUND FLOOR
DOCUMENT REVISION STATUS		
NO.	DESCRIPTION	DATE
01	ISSUE FOR PERMITTING / APPROVAL	2023/05/01
02	ISSUE FOR PERMITTING / APPROVAL	2023/05/01
03	ISSUE FOR PERMITTING / APPROVAL	2023/05/01
04	ISSUE FOR PERMITTING / APPROVAL	2023/05/01
05	ISSUE FOR PERMITTING / APPROVAL	2023/05/01
06	ISSUE FOR PERMITTING / APPROVAL	2023/05/01
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CAIRO ,GATE RESIDENCE
EGYPT, CAIRO



1 HVAC DUCT&PIPING_GROUND FLOOR PLAN - MASTER PLAN
1:100

Partner in success

ECG **جماعة المهندسين العرب**
ENGINEERING CONSULTANTS GROUP S.A.

Client



**BRITISH BRIGHT SCHOOL
DUBAI**

Category: BIM PROJECT LOD 300 ,
Schematic drawing
Landscape, Interior Design, 3D Shots

Location: DUBAI

Program:

Architectural : Schematic design,
Landscape design, Interior 3D Shots
Moodboards & Presentations.

KEY PLAN

GENERAL NOTES

1. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE AND ALSO TO MEET THE LOCAL AUTHORITY REQUIREMENTS.
2. DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
3. DIMENSIONS ARE IN METERS, UNLESS NOTED OTHERWISE.
4. THE CONTRACTOR IS TO VERIFY ALL DIMENSION ON SITE BEFORE EXECUTING THE SITE.
5. ANY DISCREPANCIES EITHER BETWEEN WRITTEN DIMENSIONS AND SITE DIMENSIONS OR BETWEEN THIS DRAWINGS AND OTHER CONSULTANTS OR SUPPLIER DRAWINGS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT BEFORE EXECUTING THE WORKS.
6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.

SUBJECT

DUBAI SOUTH

CLIENT

PREPARED BY

DATE

PROJECT

BRIGHT BRITISH SCHOOL PHASE 1

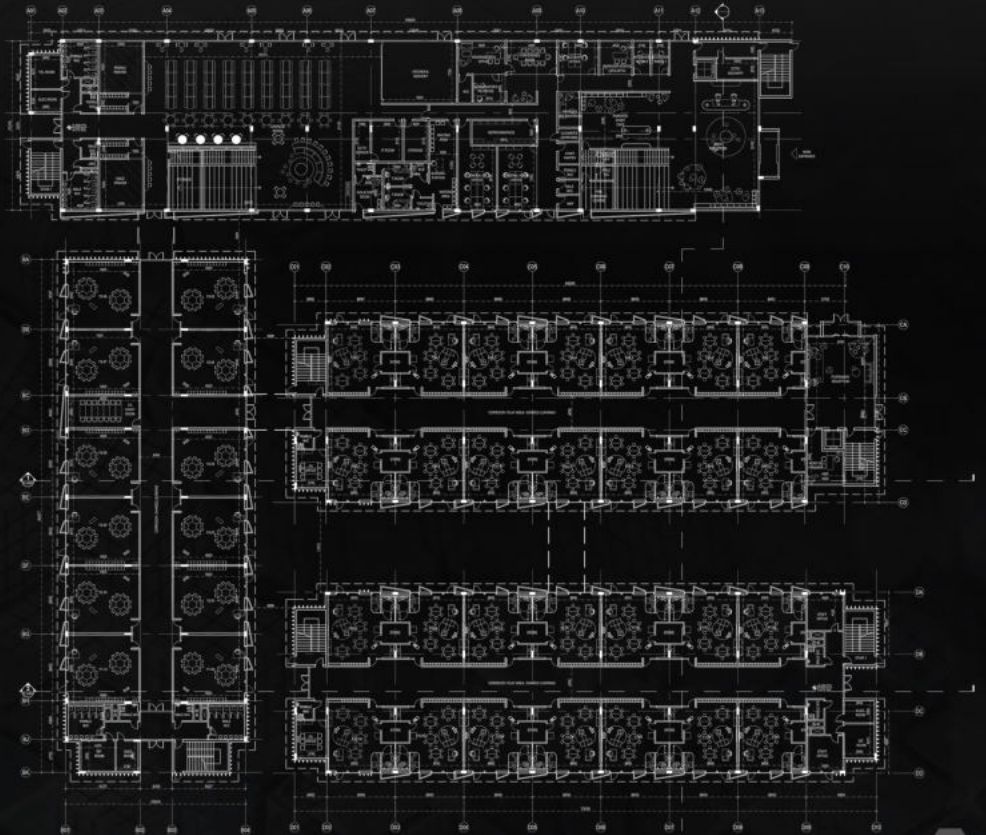
LOCATION

DUBAI SOUTH

PROJ. NO.

DATE

DATE	DESCRIPTION	BY	APPROVED
15-06-2018	PRELIMINARY





Partner in success



Client :



Soul Compound
North Coast - Egypt

Category: BIM PROJECT LOD 400 ,
Shop drawing ,
Modeling .

Location: North Coast, Egypt .

Program: Architectural , Structural
and MEP Modeling
with LOD 400.

EMAAR | EH
MUSE

COSMOS E

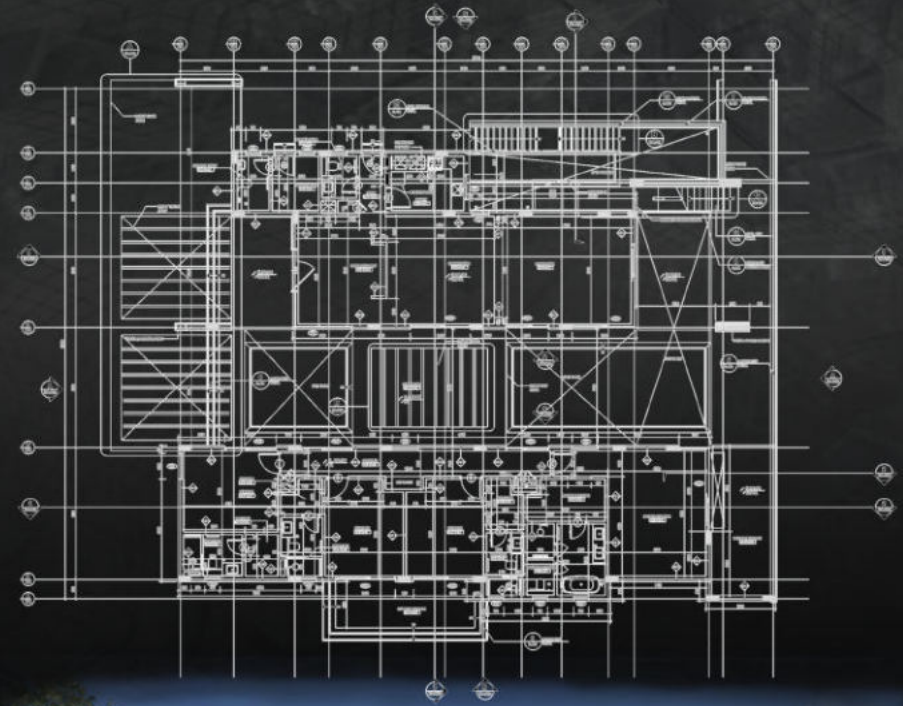
SOUL
LUXURY BEACH RESORT

HASSAN ALLAM
CONSTRUCTION

EDGES
Consulting & Engineering services

Soul - North Coast Village

NO.	REVISION	DATE	BY	CHECKED	APPROVED





THANK YOU .



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Instagram social media

Facebook social media

Tel. / Fax: 002 02 25658414
Address: Gardenia Mall, 5th Settlement, New Cairo, Egypt
info@edgescons.com